



No. 21

22 MAY 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USS FORD (FFG-54)** is the forty-eighth ship of the *Oliver Hazard Perry* Class of guided missile frigates. Her mission is to provide in-depth anti-air, anti-surface and anti-subsurface protection for military and merchant shipping and to ensure continuous use of the sea lanes for the Untied states and her allies. The combat systems aboard utilize a computer command and control system to integrate the ships sensors and weapons. Her weapons include surface-to-surface and surface-to-air missiles, a 76mm rapid fire gun, a close-in weapons system, anti-torpedoes and LAMPS MK III helicopter. The propulsion system is a computer controlled gas turbine power plant which utilizes jet engines. **FORD's** propulsion system can be "brought on line" in less than five minutes as compared to more than four hours for the conventional steam powered ships. Despite the advanced systems aboard, the heart of the ship is the crew. Each member has been highly trained in his particular area of expertise so that he can either operate, monitor or repair all shipboard systems. Skilled technicians and professional leadership make **USS FORD** a vital asset for the fleet in today's multi-threat environment.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 21/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

22 May 2004

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE MEETINGS

THE UNITED STATES COAST GUARD MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE (MERPAC) WILL HOLD MEETINGS IN WASHINGTON, DC TO DISCUSS VARIOUS ISSUES RELATED TO MERCHANT MARINE PERSONNEL. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 21/04

108 (INT 403) 9Ed. 1/8/94 LAST NM 19/04 Relocate Superbuoy ODAS "41012" from 30°00'N 80°30'W to (NTM0036/2003)	21/04 30°03'N 80°33'W	★11524 47Ed. 2/04 LAST NM 18/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04
401 (INT 401) 5Ed. 6/15/91 LAST NM 19/04 Relocate Superbuoy ODAS "41012" from 30°00'N 80°30'W to (NTM0036/2003)	21/04 30°03'N 80°33'W	11527 16Ed. 1/13/01 LAST NM 16/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04
411 49Ed. 3/03 LAST NM 19/04 Relocate Superbuoy ODAS "41012" from 30°00'N 80°30'W to (NTM0036/2003)	21/04 30°03'N 80°33'W	★14805 24Ed. 3/04 NEW EDITION (NOS)	21/04
530 30Ed. 3/23/02 LAST NM 19/04 Substitute Depth 68 fathoms for 87 fathoms (NTM0002/2004)	21/04 28°54'N 178°37'W	★14852 45Ed. 2/03 LAST NM 15/04 (Continuation) Delete Range lights (2), range line and legend "CORUNNA RGE LTS" between 42°53'06"N 82°27'18"W 42°54'02"N 82°27'31"W (11/04 CG9)	21/04
★531 22Ed. 3/04 NEW EDITION Change Light to Fl(2) 20s 18M HORN Light to Fl(2) HORN Add Wreck [K29] (NOS; 48/03 CG13; USCG LL)	21/04 48°24'N 124°44'W 48°43'N 125°06'W 48°14'N 125°53'W	14853 14Ed. 3/03 LAST NM 15/04 (Page 47) Delete Range lights (2), range line and legend "CORUNNA RGE LTS" between 42°53'06.5"N 82°27'18.5"W 42°54'05.0"N 82°27'36.8"W (11/04 CG9)	21/04
11009 36Ed. 10/20/01 LAST NM 5/04 Relocate Superbuoy ODAS "41012" from 30°00.0'N 80°30.0'W to (NTM0036/2003)	21/04 30°02.6'N 80°33.0'W	★14994 11Ed. 3/04 NEW EDITION (NOS)	21/04
★11364 39Ed. 11/02 LAST NM 14/04 Add Dangerous wreck [K28] (PA) (16/04 CG8)	21/04 29°36'37"N 89°53'27"W	16006 33Ed. 12/23/00 LAST NM 15/04 Delete Depth 13 fathoms (NTM0002/2004)	21/04 64°41'N 175°32'W
★11408 28Ed. 11/02 LAST NM 3/03 Delete Dotted-line circle and legend "Obstn...30ft)" 29°03'17"N 83°23'33"W	21/04	★17431 11Ed. 3/04 NEW EDITION (NOS)	21/04
Add Danger circle "Obstn (PA) (Fish Haven) (auth min 30ft)", radius 450 yards [K46.2], centered 29°04'19"N 83°23'32"W (NOS)	29°04'19"N 83°23'32"W	18000 8Ed. 8/21/93 LAST NM 11/04 Relocate Superbuoy ODAS "46063" from 34°15'N 120°40'W to (51/03 CG11)	21/04 34°17'N 120°40'W
★11480 38Ed. 5/03 LAST NM 14/04 Relocate Superbuoy ODAS "41012" from 30°00.0'N 80°30.0'W to (NTM0036/2003)	21/04 30°02.6'N 80°33.0'W	18002 6Ed. 5/13/95 LAST NM N11/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	N21/04 34°16.6'N 120°39.9'W
11496 9Ed. 8/22/98 LAST NM N14/04 Relocate Superbuoy ODAS "41012" from 30°00.0'N 80°30.0'W to (NTM0036/2003)	N21/04 30°02.6'N 80°33.0'W	18005 4Ed. 9/20/97 LAST NM N10/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	N21/04 34°16.6'N 120°39.9'W
11505 1Ed. 9/23/00 LAST NM 16/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04	18006 3Ed. 8/23/97 LAST NM N6/03 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	N21/04 34°16.6'N 120°39.9'W
★11506 40Ed. 1/03 LAST NM 16/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04	18020 37Ed. 9/03 LAST NM 19/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	21/04 34°16.6'N 120°39.9'W
★11512 59Ed. 1/03 LAST NM 16/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04	18022 34Ed. 11/03 LAST NM 19/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	21/04 34°16.6'N 120°39.9'W
11514 26Ed. 7/02 LAST NM 16/04 (Side A) Add Tabulation of controlling depths from Subsection I-2 (NOS)	21/04	18440 27Ed. 11/03 LAST NM 8/04 Add Buoy Or W (Priv) with legend "Buoys (7)" (10/04 CG13)	21/04 47°08.7'N 122°54.4'W

SECTION I

18445	30Ed. 11/03 LAST NM 13/04 (Page C)	21/04	18700	22Ed. 7/03 LAST NM 13/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	21/04
Add	Buoy Or W (Priv) with legend "Buoys (4)" 47°08'47"N 122°54'10"W				34°16.6'N 120°39.9'W
	Buoy Or W (Priv) with legend "Buoys (3)" 47°08'31"N 122°54'30"W				
	(10/04 CG13)				
18448	33Ed. 9/03 LAST NM 17/04	21/04	18720	31Ed. 7/29/00 LAST NM 11/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.7'W to (51/03 CG11)	21/04
Add	Buoy Or W (Priv) with legend "Buoys (4)" 47°08'47"N 122°54'10"W				34°16.6'N 120°39.9'W
	Buoy Or W (Priv) with legend "Buoys (3)" 47°08'31"N 122°54'30"W				
	(10/04 CG13)				
★18456	19Ed. 3/21/98 LAST NM 12/02	21/04	★18721	11Ed. 7/8/00 LAST NM 39/03 Relocate Superbuoy ODAS "46063" from 34°15'03"N 120°39'53"W to (51/03 CG11)	21/04
Add	Buoy "A" Or W (Priv) 47°08'47.8"N 122°54'07.0"W				
	Buoy "B" Or W (Priv) 47°08'47.0"N 122°54'10.0"W				
	Buoy "C" Or W (Priv) 47°08'44.5"N 122°54'17.0"W				
	Buoy "D" Or W (Priv) 47°08'41.6"N 122°54'20.9"W				
	Buoy "E" Or W (Priv) 47°08'37.3"N 122°54'26.3"W				
	Buoy "F" Or W (Priv) 47°08'30.8"N 122°54'30.3"W				
	Buoy "G" Or W (Priv) 47°08'28.4"N 122°54'31.6"W				
	(10/04 CG13)				
★18502	84Ed. 6/02 LAST NM 52/03	21/04	★18725	27Ed. 6/03 LAST NM 19/04 Add Buoy Y, Fl Y 4s (Priv) (9/04 CG11)	21/04
Relocate	Beacon "1" from 46°54'25"N 124°05'37"W to 46°54'29.3"N 124°05'40.6"W				34°21'04"N 119°25'37"W
Change	Visibility (range) of light "8" to 4M 46°55'23"N 124°00'35"W				
	(10/04 CG13)				
★18504	65Ed. 3/03 LAST NM 3/04	21/04	18760	6Ed. 9/5/98 LAST NM N19/04 Relocate Superbuoy ODAS "46063" from 34°15.0'N 120°39.9'W to (51/03 CG11)	N21/04
Relocate	Light "7" from 46°36'33"N 123°58'27"W to 46°36'35.4"N 123°58'28.6"W				34°16.6'N 120°39.9'W
	and change visibility (range) to 4M				
	Light "10" from 46°34'15"N 123°58'38"W to 46°34'17.4"N 123°58'40.6"W				
	Beacon "12" from 46°32'44"N 123°59'08"W to 46°32'41.4"N 123°59'10.6"W				
	(Continuation)				
Relocate	Light "59" from 46°40'45"N 123°45'57"W to 46°40'47.4"N 123°45'58.6"W				
	and change visibility (range) to 3M				
	(11/04 CG13)				
★18539	9Ed. 3/04 NEW EDITION (NOS)	21/04	22036	28Ed. 6/18/94 LAST NM 2/04 Delete Buoy	21/04
					53°40.7'S 67°18.6'W
			Change Height of light to 46m (16(157)98 Buenos Aires; Arg LL)		53°50.8'S 67°34.0'W
18649	63Ed. 9/03 LAST NM 20/04	21/04	22173	36Ed. 10/12/02 LAST NM 17/04 Substitute Dangerous wreck [K28] for dangerous wreck (Masts) [K25] (See 17/04-22173) (3(13)04 Callao)	21/04
Add	Legend "PILOT AREA"	37°46'00"N 122°41'36"W			11°59'06"S 77°08'45"W
	Legend "PILOT AREA"	37°43'54"N 122°41'36"W			
	(9/04 CG11)				
★18650	52Ed. 9/03 LAST NM 20/04	21/04	22183	4Ed. 10/25/03 LAST NM 52/03 Add Position circle "Windmotor"	21/04
Change	Buoy to "7" G, Fl G 2.5s	37°48'51"N 122°19'39"W			15°21'06"S 75°08'41"W
	(9/04 CG11)		Add Position circle "Windmotor"		15°21'06.0"S 75°08'41.0"W
			(3(16)04 Callao)		
★18660	2Ed. 5/03 LAST NM 49/03 (Lower Panel)	21/04	22252	18Ed. 5/25/91 LAST NM 2/04 Add Range beacon, front	21/04
Relocate	Light "10" from 38°01'39.3"N 121°46'08.5"W to 38°01'38.7"N 121°46'10.6"W				27°02'37.0"S 70°49'04.9"W
	Light "11" from 38°01'48.7"N 121°45'59.0"W to 38°01'46.9"N 121°45'59.7"W				27°02'30.8"S 70°49'03.2"W
	Light "19" from 38°02'10.4"N 121°42'31.4"W to 38°02'11.1"N 121°42'26.4"W				
	Light "27" from 38°04'33.7"N 121°40'42.5"W to 38°04'26.6"N 121°40'42.8"W				
	(9/04 CG11)				
18661	27Ed. 2/03 LAST NM 17/04 (Side B)	21/04			
Relocate	Light "11" from 38°01'49"N 121°45'59"W to 38°01'46.9"N 121°45'59.7"W				
	Light "19" from 38°02'10"N 121°42'31"W to 38°02'11.1"N 121°42'26.4"W				
	Light "27" from 38°04'34"N 121°40'42"W to 38°04'26.6"N 121°40'42.8"W				
	(9/04 CG11)				

(continued on next page)

SECTION I

NM 21/04

22252	(Continued)					
	Range line extending in 301° direction from above rear beacon dashed for 560 meters, thence solid for 490 meters					
	Legend "Bns in line 121°" along above range line	27°04'54.0"S 70°50'54.0"W				
	(Chile CH 3111)					
22293	15Ed. 3/9/96 LAST NM 38/03 Change Light to Fl 5s 12m 16M, Fl R 5s 10m 8M (BA LL)	21/04 33°35.2'S 71°37.3'W				
22294	15Ed. 10/12/96 LAST NM 16/04 Change Range beacon, front to FG 9m 2M Range beacon, rear to FG 13m 2M (See 16/04-22294) (BA LL)	21/04 33°35'39.0"S 71°37'06.0"W 33°35'42.8"S 71°37'04.8"W				
22461	1Ed. 1/1/92 LAST NM N13/00 Delete Buoy (16(157)98 Buenos Aires)	N21/04 53°41'12"S 67°48'34"W				
24202	6Ed. 11/30/85 LAST NM 46/03 Add Chartlet, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 (See 43/92-24202) (13(67)03 Rio de Janeiro)	21/04 12°47'00"S 38°30'00"W				
24480	1Ed. 6/16/90 LAST NM 48/03 (Panel B) Change Period of light to 2.5s (30/04 Bogota)	21/04 10°23.4'N 75°32.7'W				
24504	7Ed. 6/17/95 LAST NM 48/03 Change Period of light to 2.5s (30/04 Bogota)	21/04 10°23'27"N 75°32'41"W				
24509	2Ed. 6/24/95 LAST NM 12/04 Change Period of light to 2.5s (See 37/01-24509) (30/04 Bogota)	21/04 10°23'27"N 75°32'41"W				
24510	2Ed. 6/24/95 LAST NM 42/03 Change Period of light to 2.5s (30/04 Bogota)	21/04 10°23'27"N 75°32'41"W				
25650	33Ed. 3/9/02 LAST NM 15/04 Change Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" (NOS)	21/04 18°23'05"N 65°22'00"W 18°14'52"N 65°18'00"W				
★25653	13Ed. 12/02 LAST NM 14/04 Change Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" (NOS)	21/04 18°22'06"N 65°23'11"W 18°19'02"N 65°12'38"W 18°15'22"N 65°18'58"W				
25654	13Ed. 6/17/00 LAST NM 14/04 Change Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)"	21/04 18°17'12.0"N 65°18'10.9"W				
			(NOS)	Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)"	18°16'22.0"N 65°15'23.2"W	
★25655	11Ed. 6/27/92 LAST NM 14/04 Add	21/04 Legend "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)" Legend "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.208; see note A)"	(NOS)	18°19'23.7"N 65°20'31.3"W 18°16'37.8"N 65°18'16.6"W		
★25671	18Ed. 3/03 LAST NM 21/03 Change	21/04 Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.209; see note A)" Legend to "SEA TURTLES CRITICAL HABITAT (protected area: 50 CFR 226.209; see note A)"	(NOS)	18°11.4'N 67°56.2'W 18°00.8'N 67°53.2'W		
29107	2Ed. 7/18/98 LAST NM 36/03 (Plan D) Delete	21/04 Depth 16.4 meters Depth 14.6 meters		60°36'10"S 46°02'05"W 60°36'11"S 46°02'00"W		
	Add	Depth 8.9 meters enclosed by depth contour (10-meter) Depth 8.9 meters enclosed by depth contour (10-meter) Depth 10.1 meters, blue tint and enclosing depth contour (20-meter)		60°36'12"S 46°02'07"W 60°36'16"S 46°02'52"W 60°36'20"S 46°02'00"W		
		Rock awash [K12]		60°36'19"S 46°01'45"W		
		(16(175)04 Taunton)				
29124	1Ed. 10/2/67 LAST NM 31/01 Substitute	21/04 Depth 2 fathoms (PA) for 4 fathoms 2 feet (PD)		64°41'42"S 62°37'24"W		
	Add	Depth 10 fathoms (PA) enclosed by depth contour (20-fathom) Depth 6 fathoms (PA) enclosed by depth contour (20-fathom)		64°40'59"S 62°38'30"W 64°41'47"S 62°37'23"W		
		(16(177)04 Taunton)				
29127	4Ed. 12/27/97 LAST NM 42/03 Delete	21/04 Depth 35 meters and enclosing depth contour (200-meter)		66°22.5'S 66°43.0"W		
	Add	Depth 20 meters, blue tint and enclosing depth contour (20-meter) Depth 50 meters enclosed by depth contour (200-meter)		66°20.9'S 66°45.2"W 66°22.0'S 66°46.7"W		
		(16(175)04 Taunton)				
36161	10Ed. 3/7/98 LAST NM 18/03 Change	21/04 Light to Oc G 3s 9M (38(3754)01 Taunton)		51°11'02"N 3°19'46"W		
36165	6Ed. 9/6/97 LAST NM 43/03 Change	21/04 Light to Oc G 3s 9M (38(3754)01 Taunton)		51°11'02"N 3°19'46"W		
37166	2Ed. 7/13/96 LAST NM 12/04 Delete	21/04 Buoy		53°38.9'N 5°16.4'E		
	Add	Buoy "VL-E" RW, spherical, Iso 8s Racon		53°31.8'N 5°01.5'E		
		Buoy "TE-A" RW, spherical, Mo(A) 8s Racon		53°35.8'N 5°21.6'E		
		(BA CH 2593)				
37223	14Ed. 9/2/95 LAST NM 16/04 Delete	21/04 Buoy "TE14" Buoy "TE12" Buoy "TE10"		53°48.3'N 6°04.5'E 53°46.4'N 5°54.8'E 53°44.5'N 5°45.3'E		

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37223	(Continued)					
	Buoy "TE8"	53°42.7'N 5°35.8'E			Depth 11 meters for 37 meters	68°12'18"N 15°46'24"E
	Buoy "TE6"	53°40.8'N 5°26.0'E			Depth 8.5 meters for 15 meters	67°59'01"N 15°22'18"E
	Buoy "TE4"	53°38.9'N 5°16.4'E			Depth 10 meters for 14 meters	67°54'04"N 14°51'23"E
Add	Buoy "VL-E" RW, spherical, Iso 8s				Depth 5 meters for 9 meters	67°54'10"N 14°53'28"E
	Racon	53°31.8'N 5°01.5'E			Depth 6 meters for 11 meters	67°55'23"N 14°53'01"E
	Buoy "TE-A" RW, spherical, Mo(A) 8s				Depth 7 meters for 10 meters	67°55'30"N 14°53'00"E
	Racon	53°35.8'N 5°21.6'E			Depth 12 meters for 32 meters	67°54'55"N 14°47'34"E
	Buoy "TE-B" RW, spherical, Iso 4s				Depth 11 meters for 36 meters	67°55'24"N 14°49'01"E
	Racon	53°39.7'N 5°41.6'E			Depth 3.9 meters for 12 meters	68°03'59"N 15°19'35"E
	Buoy "TE-C" RW, spherical, L Fl 10s				Depth 2.8 meters Rk for 5 meters Rk	
	Racon	53°43.6'N 6°01.6'E				67°53'20"N 14°41'07"E
(BA CH 2593)				Add	Depth 10 meters	67°56'16"N 15°19'32"E
37231	18Ed. 4/5/97 LAST NM 19/04	21/04			Depth 6 meters	67°59'29"N 15°22'25"E
Delete	Buoy "K" (50(2)03 Hamburg)	53°48'36"N 8°12'15"E			Depth 3.9 meters	67°59'30"N 15°22'40"E
37320	16Ed. 9/6/97 LAST NM 12/04	21/04			Depth 6.7 meters	67°59'44"N 15°23'13"E
Add	Dangerous wreck [K28] (PD) (46(4)03 Brest)	47°48'35"N 4°23'59"W			Depth 8.6 meters	67°59'50"N 15°22'49"E
					Depth 8.4 meters	67°53'07"N 14°41'22"E
					Depth 8 meters	67°55'05"N 14°52'16"E
					Depth 5.8 meters	67°54'23"N 14°46'33"E
					Depth 11 meters	67°54'19"N 14°50'50"E
					Depth 7 meters	67°54'17"N 14°47'32"E
					Depth 4 meters	67°54'45"N 14°51'23"E
					Depth 5 meters	67°54'36"N 14°47'36"E
					Depth 4 meters	67°55'02"N 14°48'42"E
					Depth 9 meters	67°55'23"N 14°49'51"E
					Depth 5 meters	67°55'19"N 14°51'26"E
					Depth 8 meters	68°04'02"N 15°18'24"E
					Depth 11 meters	68°04'31"N 15°17'41"E
					Depth 9 meters	68°04'50"N 15°18'28"E
					Depth 13 meters	68°04'54"N 15°17'54"E
					Depth 3 meters	68°00'39"N 15°06'51"E
					(24(1119-1123)03, 2(89), 3(122, 123)04 Stavanger)	
37380	2Ed. 9/11/93 LAST NM 19/04	21/04				
Delete	Buoy (wavemeter)	46°41.4'N 2°25.7'W				
Change	Visibility (range) of light to 18/15M	46°41.6'N 1°57.8'W				
Add	Buoy (wavemeter) Y, spherical, Fl(5) Y 20s (40(14), 48(14)02 Brest)	46°40.1'N 2°23.0'W				
	Buoy Y, spherical, Fl Y 4s	46°40.6'N 2°23.1'W				
37400	(INT 1803) 10Ed. 3/12/88 LAST NM 19/04	21/04				
Change	Visibility (range) of light to 18/15M	46°41.6'N 1°57.8'W				
(48(14)02 Brest)						
37481	7Ed. 5/27/00 LAST NM 20/04	21/04				
Add	Solid line (breakwater) [F4.1] between					
		43°35'29"N 5°56'29"W				
		43°35'33"N 5°56'47"W				
	Light Fl G 5s 5M	43°35'33"N 5°56'47"W				
Add	(Plan A)					
	Double solid line with land tint (breakwater)					
	[F4.1] between	43°35'29.2"N 5°56'28.9'W				
		43°35'33.2"N 5°56'46.9'W				
	Light Fl G 5s 15m 5M	43°35'33.2"N 5°56'46.9'W				
	(41(594), 44(636)03 Cadiz)					
43079	2Ed. 7/4/98 LAST NM 41/02	21/04				
Add	Double solid line with land tint between					
		70°37'57.0"N 23°39'01.0"E				
		70°38'07.0"N 23°39'19.0"E				
	(7(318)04 Stavanger)					
43082	5Ed. 7/26/97 LAST NM 20/04	21/04				
Add	Solid line between					
		70°37'57" 23°38'54"E				
		70°38'01" 23°39'13"E				
	(7(318)04 Stavanger)					
43144	4Ed. 4/19/97 LAST NM 20/04	21/04				
Substitute	Depth 8.5 meters for 15 meters					
(2(89)04 Stavanger)		67°59.0'N 15°22.3'E				
43150	2Ed. 9/29/90 LAST NM N20/04	N21/04				
Add	Depth 7 fathoms 4 feet	67°55.3'N 14°48.2'E				
(24(1121)03 Stavanger)						
43160	6Ed. 3/15/97 LAST NM 20/04	21/04				
Substitute	Depth 8.5 meters for 15 meters					
		67°59.0'N 15°22.3'E				
Add	Depth 14 meters	67°55.3'N 14°48.2'E				
(24(1121)03, 2(89)04 Stavanger)						
43164	3Ed. 11/23/96 LAST NM 20/04	21/04				
Substitute	Depth 4 meters for 17 meters					
		68°11'56"N 15°44'50"E				

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NM 21/04

43165	(Continued)				
	Depth 5 fathoms 3 feet	67°55'23"N 14°49'33"E			21/04
	Depth 4 fathoms 5 feet	67°55'23"N 14°49'57"E			
	(24(1118-1121)03 Stavanger)				
43167	5Ed. 11/2/96 LAST NM 20/04	67°10'57"N 13°39'39"E	21/04		
Substitute	Depth 4.7 meters for 6 meters	67°10'49"N 13°41'06"E			
	Depth 1.6 meters for 2 meters	67°10'57"N 13°42'33"E			
	Depth 5.9 meters for 13 meters	67°11'02"N 13°45'24"E			
	Depth 6 meters for 16 meters				
	Dangerous submerged rock [K13] for depth 1 meter	67°10'59"N 13°39'58"E			
Add	Depth 8 meters	67°11'00"N 13°40'26"E			
	Rock awash [K12]	67°11'06"N 13°41'01"E			
	Depth 1.5 meters	67°11'02"N 13°40'53"E			
	(2(88)04 Stavanger)				
43201	2Ed. 11/6/82 LAST NM N31/98		N21/04		
Add	Danger circle [K40] "Obstn (Marine farm)"	66°04'53"N 12°11'55"E			
	Danger circle [K40] "Obstn (Marine farm)"	66°06'51"N 12°02'31"E			
	Danger circle [K40] "Obstn (Marine farm)"	66°00'44"N 12°12'03"E			
	Danger circle [K40] "Obstn (Marine farm)"	66°04'47"N 12°12'59"E			
	(23(1069)03 Stavanger)				
43263	7Ed. 4/11/98 LAST NM 1/04	62°25'25"N 5°49'56"E	21/04		
Add	Depth 6 meters				
	(24(1110)03 Stavanger)				
43281	6Ed. 2/7/98 LAST NM 1/04	62°20'06"N 5°50'47"E	21/04		
Substitute	Depth 10 meters for 14 meters				
Add	Depth 6 meters	62°25'25"N 5°49'56"E			
	(23(1046), 24(1108)03 Stavanger)				
43284	4Ed. 12/18/93 LAST NM 20/04		21/04		
Add	Danger circle [K40] "Obstn (Marine farm)"	61°45'03"N 5°08'48"E			
	(23(1045)03 Stavanger)				
43303	4Ed. 6/27/98 LAST NM 14/04		21/04		
Add	Danger circle [K40] "Obstn (Marine farm)"	60°32'06"N 4°58'27"E			
	(1(48)04 Stavanger)				
43320	5Ed. 3/22/97 LAST NM 20/04	59°40.1'N 5°44.0'E	21/04		
Add	Rock awash [K12]				
	(2(71)04 Stavanger)				
43321	6Ed. 1/17/98 LAST NM 17/04		21/04		
Add	Danger circle [K40] "Obstn (Marine farm)"	60°32'06"N 4°58'27"E			
	(1(48)04 Stavanger)				
43323	4Ed. 6/5/99 LAST NM 17/04	59°43'14"N 5°36'04"E	21/04		
Add	Depth 6 meters				
	(3(118)04 Stavanger)				
43324	4Ed. 9/18/99 LAST NM 15/04		21/04		
Substitute	Depth 18 meters for 29 meters	59°42'22"N 5°36'04"E			
	Depth 17 meters for 70 meters	59°43'01"N 5°35'24"E			
Add	Depth 6 meters	59°43'14"N 5°36'04"E			
	(3(118)04 Stavanger)				
43375	7Ed. 8/22/92 LAST NM 20/04		21/04		
Delete	Submarine cable between	58°16'08"N 11°26'00"E			
		58°15'08"N 11°26'25"E			
Add	Submarine cable [L30.1] joining	58°16'08"N 11°26'00"E			
		58°16'04"N 11°25'55"E			
		58°15'54"N 11°26'02"E			
		58°15'07"N 11°27'46"E			
		58°14'59"N 11°27'50"E			
	(50(1570)03 Norrkoping)				
43384	1Ed. 9/14/91 LAST NM 11/04		21/04		
Delete	Submarine cable between	58°16'08"N 11°26'00"E			
		58°15'08"N 11°26'25"E			
Add	Submarine cable [L30.1] joining	58°16'08"N 11°26'00"E			
		58°16'04"N 11°25'55"E			
		58°15'54"N 11°26'02"E			
		58°15'07"N 11°27'46"E			
		58°14'59"N 11°27'50"E			
	(50(1570)03 Norrkoping)				
43385	1Ed. 8/22/92 LAST NM 19/04		21/04		
Add	Buoy R, spar				
	(34(1335)03 Norrkoping)				
44048	11Ed. 3/9/96 LAST NM 16/04		21/04		
	(Plan B)				
Add	Land tint to area (wharf) [F13] bound by shore and solid line joining	56°02'48.8"N 12°41'20.6"E			
		56°02'48.1"N 12°41'19.4"E			
		56°02'42.0"N 12°41'24.0"E			
		56°02'42.4"N 12°41'25.0"E			
	Dashed line between	56°02'46.8"N 12°41'16.2"E			
		56°02'40.8"N 12°41'22.0"E			
	Legend "6.8m"	56°02'44.5"N 12°41'16.0"E			
	Legend "7m"	56°02'45.5"N 12°41'20.0"E			
	Double solid line with land tint (pier) [F14] between	56°02'40.1"N 12°41'20.0"E			
		56°02'40.6"N 12°41'21.0"E			
	(38(1403)03 Norrkoping)				
44067	22Ed. 10/19/96 LAST NM 15/04		21/04		
Add	Swept depth 15.3 meters Wk [K27]	54°34.6'N 11°00.8'E			
	(5(30)04 Hamburg)				
44069	16Ed. 3/15/97 LAST NM 15/04		21/04		
Add	Swept depth 15.3 meters Wk [K27]	54°34.6'N 11°00.8'E			
	(5(30)04 Hamburg)				
44070	7Ed. 11/14/98 LAST NM 28/03		21/04		
Delete	Buoy "19"	53°54'25.8"N 10°50'51.0"E			
	Change	Designation of buoy "37" to "27"	53°54'32.4"N 10°43'50.4"E		
		Designation of light "23" to "19"	53°53'52.2"N 10°49'34.8"E		
		Designation of light "33" to "23"	53°54'32.4"N 10°45'09.0"E		
		Designation of light "35" to "25"	53°54'33.0"N 10°44'12.0"E		
Add	Designation "21" to light	53°53'43.2"N 10°48'46.8"E			
	Buoy "17" G, pillar, Fl G 4s	53°54'24.0"N 10°50'45.6"E			
	(37(52)03 Hamburg)				
44071	4Ed. 4/3/93 LAST NM 29/03		21/04		
Delete	Buoy "19"	53°54'25.8"N 10°50'51.0"E			
	Change	Designation of buoy "8a/Pö Wiek" to "8/Pö Wiek"	53°56'18.6"N 10°52'04.8"E		
		Designation of buoy "5/7" to "5"	53°56'10.8"N 10°51'57.0"E		
		Designation of buoy "9" to "7"	53°55'52.8"N 10°52'07.0"E		
		Designation of light "11" to "9"	53°55'31.2"N 10°52'13.8"E		
		Designation of light "13" to "11"	53°55'15.0"N 10°52'12.6"E		
		Designation of light "15" to "13"	53°55'00.0"N 10°52'01.8"E		
		Designation of light "17" to "15"	53°54'48.0"N 10°51'43.2"E		
Add	Buoy "17" G, pillar, Fl G 4s	53°54'24.0"N 10°50'45.6"E			
	(Plan)				
Change	Designation of buoy "8a/Pö Wiek" to "8/Pö Wiek"	53°56'18.6"N 10°52'04.8"E			
	(37(51)03 Hamburg)				

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44082	11Ed. 12/16/95 LAST NM 17/04 Add Depth 23.1 meters Rk [K14.2] (50(151)03 Hamburg)	21/04	Light Q Bu 2M (1504)04 Tallinn	59°29.9'N 24°57.8'E
44161	2Ed. 6/8/96 LAST NM 20/04 (Panel A) Change Characteristic of light to IVQ Y 6s 57°44'08"N 16°43'16"E (See 50/03-44161) (2(1633)04 Norrkoping)	21/04	44401 7Ed. 9/29/01 LAST NM 12/04 Delete Depth 5.8 meters Depth 4.8 meters Depth 4.8 meters Depth 6 meters Depth 2.6 meters Islet	21/04 57°00'11.0"N 24°05'37.0"E 56°59'51.5"N 24°05'40.0"E 56°59'38.0"N 24°05'35.0"E 56°59'28.0"N 24°05'34.0"E 57°00'17.0"N 24°05'18.5"E 57°00'04.0"N 24°05'38.0"E
44184	9Ed. 5/11/96 LAST NM 11/04 Delete Depth 2.3 meters and danger circle 59°23'06.0"N 18°41'21.0"E	21/04	Substitute Depth 4.9 meters for 4.6 meters 57°00'02.0"N 24°05'36.0"E Note: Danger circle remains	
	Relocate Buoy from 59°23'07.0"N 18°41'18.0"E to 59°23'07.5"N 18°41'24.5"E		Depth 3.4 meters for 2.3 meters 57°00'17.0"N 24°05'42.0"E	
	Add Depth 2.2 meters Rk [K14.2] 59°23'06.7"N 18°41'26.3"E (34(1338)03 Norrkoping)		Depth 4.5 meters for 5.2 meters 56°59'32.5"N 24°05'11.0"E	
44186	2Ed. 6/15/96 LAST NM 16/04 Add Depth 2.8 meters enclosed by depth contour (6-meter) 59°29'43"N 19°08'14"E Depth 3.5 meters enclosed by depth contour (6-meter) 59°29'34"N 19°07'59"E Depth 2.7 meters enclosed by depth contour (6-meter) 59°29'15"N 19°07'43"E (50(1592)03 Norrkoping)	21/04	Depth 5.9 meters for 6.5 meters 57°00'13.2"N 24°05'20.0"E	
44200	9Ed. 7/20/96 LAST NM 20/04 Add Range light, front Q 10m 5M 60°36.8'N 21°09.8'E Range light, rear L Fl 6s 21m 6M 60°36.6'N 21°09.8'E	21/04	Depth 6.1 meters for 2.8 meters 57°00'24.8"N 24°05'19.0"E	
	Range line extending in 005° direction from above rear light, solid for 2 miles		Add Depth 9.7 meters 57°00'19.0"N 24°05'32.5"E	
	Legend "Lts in line 185°" along above range line 60°37.7'N 21°09.9'E (29(640)02 Helsinki; BA LL)		Depth 9.4 meters enclosed by depth contour (10-meter) 57°00'20.2"N 24°05'43.0"E	
44207	1Ed. 11/22/86 LAST NM 9/04 (Plan B) Add Buoy R, spar 60°56'32.8"N 17°10'11.8"E (34(1334)03 Norrkoping)	21/04	Depth 5 meters enclosed by danger circle 57°00'15.0"N 24°05'36.5"E	
44285	1Ed. 4/14/90 LAST NM 11/04 Delete Beacon 65°41'55"N 23°01'06"E Beacon 65°41'21"N 23°00'23"E Beacon 65°40'01"N 22°59'09"E	21/04	Depth 5.1 meters 57°00'05.5"N 24°05'35.5"E	
	Relocate Buoy from 65°43'56"N 23°09'33"E to 65°43'56"N 23°09'29"E		Depth 4.5 meters 56°59'43.0"N 24°05'39.5"E	
	Buoy from 65°43'54"N 23°09'36"E to 65°43'54"N 23°09'31"E		Depth 3.6 meters 56°59'34.0"N 24°05'38.0"E	
	Buoy from 65°44'32"N 23°10'44"E to 65°44'24"N 23°11'00"E		Depth 5.5 meters 56°59'29.0"N 24°05'37.0"E	
	Buoy from 65°44'30"N 23°10'52"E to 65°44'27"N 23°10'55"E (37(1377), 1380)03 Norrkoping)		Depth 3.3 meters 56°59'30.5"N 24°05'13.5"E	
44320	4Ed. 9/21/96 LAST NM 20/04 Add Range light, front Q 10m 5M 60°36.8'N 21°09.8'E Range light, rear L Fl 6s 21m 6M 60°36.6'N 21°09.8'E	21/04	Depth 0.4 meter 56°59'37.5"N 24°05'12.2"E	
	Range line extending in 005° direction from above rear light solid for 2 miles		Depth 3.8 meters 57°00'19.0"N 24°05'18.0"E	
	Legend "Lts in line 185°" along above range line 60°37.8'N 21°09.9'E (29(640)02 Helsinki; BA LL)		Depth 5.3 meters 57°00'21.5"N 24°05'18.5"E	
44321	6Ed. 9/3/94 LAST NM 20/04 Add Sectors green 277°-341°30', white-358°30', red-277° to light "Revgrund" 59°54'17"N 22°18'20"E (29(644)02 Helsinki)	21/04	Solid line (pier) between 56°59'53.0"N 24°05'41.8"E 56°59'53.0"N 24°05'40.5"E	
44340	11Ed. 8/10/96 LAST NM 19/04 Add Solid line (quay) [F13] between 59°29.8'N 24°57.6'E 59°29.9'N 24°57.8'E	21/04	Solid line (T-head pier) between 56°59'55.5"N 24°05'41.2"E 56°59'51.5"N 24°05'40.0"E	
			Visible sector 085°-155° to light 57°00'20.0"N 24°05'17.5"E (3(21, 22)04 Riga; Lat LL)	
44444	6Ed. 5/15/99 LAST NM 20/04 (Plan A) Add Position circle "Current meter" [T32.1] depth 12.4 meters	21/04	51017 31Ed. 8/10/96 LAST NM 44/03 Delete R Bn at light (4(21)04 Cadiz)	21/04 28°13.7'N 13°56.8'W
			51022 11Ed. 8/10/96 LAST NM 44/03 Delete R Bn at light (4(21)04 Cadiz)	21/04 28°13.7'N 13°56.8'W
			51343 3Ed. 5/25/96 LAST NM 31/96 Delete R Bn at light (4(21)04 Cadiz)	21/04 28°13'44"N 13°56'49"W
			51380 5Ed. 3/29/97 LAST NM 42/03 Delete R Bn and obscured sector at light (4(20, 21)04 Cadiz; Spn LL)	21/04 28°13'44"N 13°56'49"W
			Add Light Fl(4) G 15s 4m 5M (4(20, 21)04 Cadiz; Spn LL)	28°51'26"N 13°49'07"W

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NM 21/04

52080	14Ed. 2/8/97 LAST NM 20/04 Change Light to Fl(5) 19s 38m 14M (41(599)03 Cadiz)	21/04 38°21.2'N 0°24.2'W	54361	10Ed. 11/26/94 LAST NM 38/03 Delete Purple dashed line joining 40°36'24"N 22°53'52"E 40°34'16"N 22°53'12"E 40°34'16"N 22°53'52"E 40°36'24"N 22°54'32"E	21/04
52082	3Ed. 9/16/00 LAST NM 26/03 Change Light to Fl(5) 19s 38m 14M (41(599)03 Cadiz)	21/04 38°21'11"N 0°24'16"W		Legend "ANCHORAGE PROHIBITED" 40°34'39"N 22°53'36"E	
52088	3Ed. 10/11/03 LAST NM 20/04 Change Light to Fl(5) 19s 38m 14M (41(599)03 Cadiz)	21/04 38°21'11"N 0°24'16"W	Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 40°37'30"N 22°54'00"E	
53061	10Ed. 2/19/94 LAST NM 17/04 Substitute Depth 65 meters Wk [K26] (PD) for wreck (44(28)03 Brest; Fr CH 7390)	21/04 43°17'42.0"N 5°18'24.0"E		Note from Subsection I-2 40°35'45"N 22°40'30"E	
Add	Depth 23 meters Wk [K26] (PD) Danger circle "Obstn" [K40]	43°22'22.8"N 4°58'24.0"E 43°22'25.2"N 4°54'57.0"E		Anchorage area [N12.1] bound by dashed line joining 40°37'26"N 22°54'40"E 40°37'26"N 22°56'10"E 40°35'56"N 22°56'07"E 40°35'38"N 22°54'31"E	
	Depth 69 meters Wk [K26]	43°17'34.8"N 5°17'31.8"E		Disused submarine cable [L32] joining 40°36'24"N 22°54'32"E 40°36'14"N 22°54'32"E 40°34'08"N 22°53'28"E	
	Depth 60 meters Wk [K26]	43°17'48.7"N 5°18'39.3"E		Disused submarine cable [L32] joining 40°36'24"N 22°54'10"E 40°36'14"N 22°54'10"E 40°34'18"N 22°53'16"E	
	Foul ground symbol [K31]	43°17'25.5"N 5°18'57.5"E		Disused submarine cable [L32] joining 40°37'56"N 22°55'00"E 40°37'44"N 22°55'25"E 40°37'44"N 22°56'14"E 40°37'54"N 22°56'22"E	
53062	13Ed. 1/22/94 LAST NM 19/04 Substitute Depth 65 meters [K26] (PD) for wreck (44(28)03 Brest; Fr CH 7390)	21/04 43°17'42.0"N 5°18'24.0"E		Disused submarine cable [L32] joining 40°37'42"N 22°55'00"E 40°37'38"N 22°55'15"E 40°37'38"N 22°56'20"E 40°37'54"N 22°56'22"E (12(302)03 Athens; BA CH 2070)	
Add	Depth 23 meters Wk [K26] (PD) Danger circle "Obstn" [K40]	43°22'22.8"N 4°58'24.0"E 43°22'25.2"N 4°54'57.0"E		Disused submarine cable [L32] joining 40°37'56"N 22°55'00"E 40°37'44"N 22°55'25"E 40°37'44"N 22°56'14"E 40°37'54"N 22°56'22"E (12(302)03 Athens; BA CH 2070)	
53082	13Ed. 8/19/00 LAST NM 7/04 Delete Buoy (46(36)00 Brest)	21/04 43°06'26.3"N 5°53'18.4"E	55001 (INT 310)	4Ed. 1/21/95 LAST NM 6/04 Change Visibility (range) of light to 26M (BA LL)	21/04 43°10.3'N 27°56.7'E
53083	8Ed. 4/15/95 LAST NM 41/03 Delete Depth 48 meters Wk (46(9)03 Brest)	21/04 43°10'05.6"N 6°35'39.4"E	55060	7Ed. 2/15/97 LAST NM 17/04 Change Characteristic of buoy to VQY (Plan) (340)04 Constanta	21/04 44°06'13.2"N 28°42'54.4"E
53301	4Ed. 10/26/96 LAST NM 22/03 Substitute Depth 517 meters Wk [K26] for wreck (46(10)03 Brest)	21/04 41°42'02"N 9°30'35"E	55062	5Ed. 6/8/96 LAST NM 33/03 Change Light to Fl(3) 15s 76m 26M NAUTO (BA LL)	21/04 43°10'15.0"N 27°56'43.0"E
54337	3Ed. 12/24/94 LAST NM 31/02 Add Chartlet, depicting changes in hydrography, from Subsection I-2 (8(213)01 Athens)	21/04 37°56'30.0"N 23°26'18.0"E	55100	8Ed. 1/23/99 LAST NM 6/04 Change Visibility (range) of light to 26M (BA LL)	21/04 43°10.3'N 27°56.7'E
54359	2Ed. 10/5/96 LAST NM 38/03 Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 (12(302)03 Athens; BA CH 2070)	21/04 40°37'30.0"N 22°53'48.0"E	55110	2Ed. 8/31/96 LAST NM 15/04 Change Light to Fl(3) 15s 76m 26M NAUTO (BA LL)	21/04 43°10.3'N 27°56.7'E
	Anchorage area [N12.1] bound by dashed line joining 40°37'26.4"N 22°54'39.6"E 40°37'26.4"N 22°56'09.6"E 40°35'56.4"N 22°56'06.6"E 40°35'38.4"N 22°54'30.6"E		55120	2Ed. 6/15/96 LAST NM 17/04 Change Light to Fl(3) 15s 76m 26M NAUTO (BA LL)	21/04 43°10.3'N 27°56.7'E
	Note from Subsection I-2 in right upper margin of chart (See 38/98-54359)		73020	9Ed. 11/4/95 LAST NM 10/04 Add Depth 24 fathoms Wk [K26] (149)04 Wollongong)	21/04 10°28.6'S 137°05.5'E
Add	Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 40°38'30.0"N 22°54'18.0"E		74008	6Ed. 12/9/94 LAST NM 15/04 Substitute Depth 44 meters Wk for 45 meters Wk (149)04 Wollongong)	21/04 10°28.6'S 137°05.5'E
	Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 40°37'54.0"N 22°54'18.0"E				

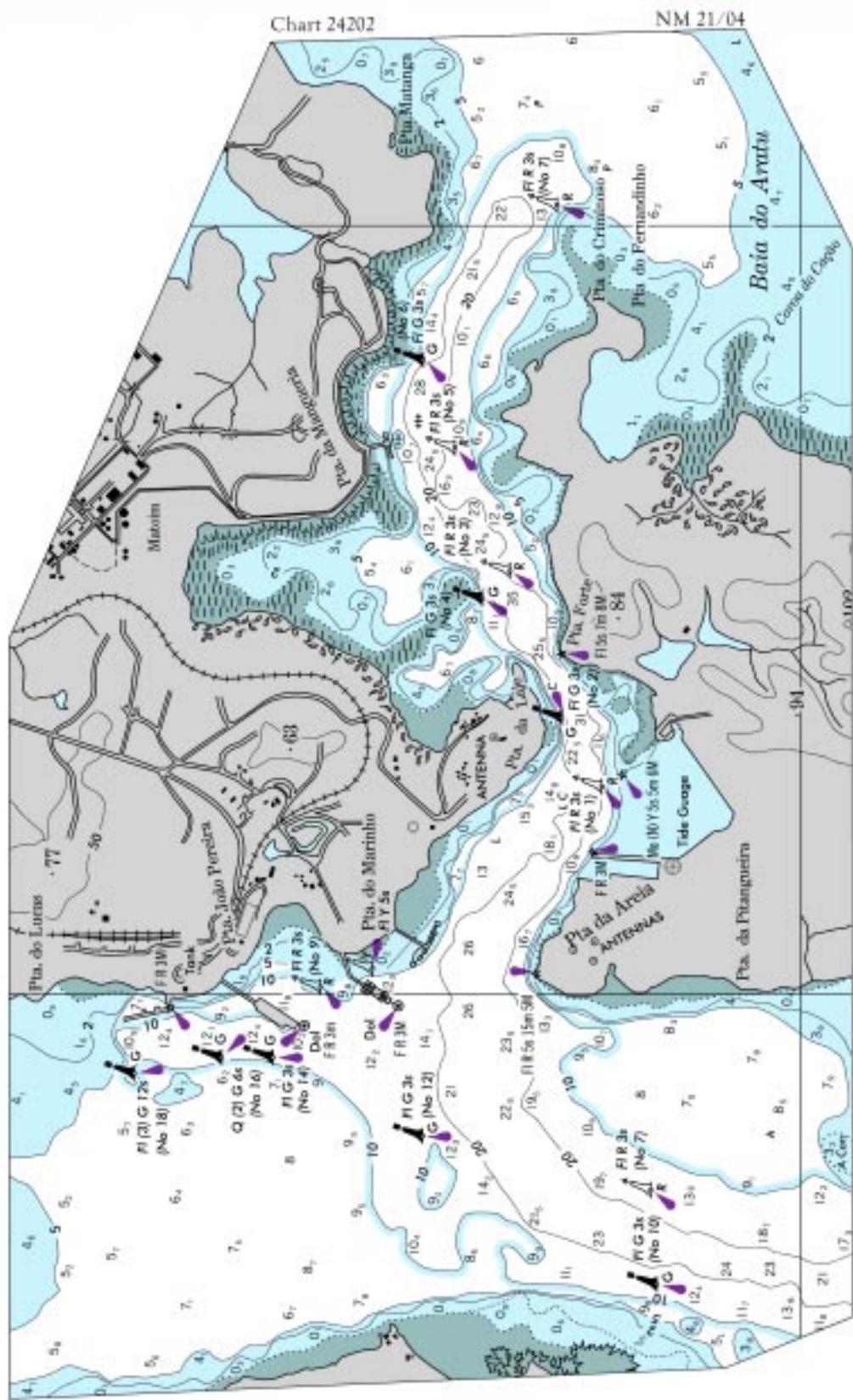
SECTION I

74009	10Ed. 7/29/95 LAST NM 44/03 Substitute Depth 44 meters Wk for 45 meters Wk (149)04 Wollongong)	21/04 10°28.6'S 137°05.5'E	81060	2Ed. 5/8/93 LAST NM 17/04 Change Buoy "P" to Y, can (Priv) with legend "(FAD)" (See 17/04-81060) (12/04 CG14)	21/04 13°42.6'N 145°01.6'E
74229	2Ed. 9/19/98 LAST NM 50/03 (Plan) Change Legend "4.7m" to "5.1m" (See 26/03-74229) (398)04 Wollongong)	21/04 21°17'22.8"S 149°17'58.2"E	94028	7Ed. 9/16/95 LAST NM 20/04 Delete Dangerous wreck "Rep (2002)" Add Dangerous wreck [K28] Dangerous wreck [K28] (9(135)02, 27(463)03 Inchon)	21/04 36°01.9'N 126°14.4'E 35°12.7'N 125°54.5'E 36°00.1'N 126°14.5'E
74261	9Ed. 5/23/98 LAST NM 39/03 Substitute Buoy "1" G, conical, Fl G 2.5s for beacon (147)04 Wollongong)	21/04 15°27'11"S 145°15'22"E	94363	4Ed. 11/21/92 LAST NM 17/04 Delete Submarine cables (2) in vicinity (Plan) Delete Submarine cables (2) in vicinity (BA CH 2653)	21/04 38°45'00"N 118°10'00"E 38°56'06.0"N 117°43'40.0"E
74270	3Ed. 8/5/95 LAST NM 15/04 Substitute Depth 9.7 meters Wk [K26] for dangerous wreck (3101)04 Wollongong)	21/04 13°55.2'S 143°44.2"E	95016	8Ed. 12/16/95 LAST NM 40/02 Add Submarine cable [L30.1] joining Submarine cable [L30.1] joining (26(1111)99 Tokyo)	21/04 37°10.2'N 138°13.4'E 37°16.0'N 138°10.7'E 37°33.8'N 138°11.0'E 37°46.8'N 138°06.4'E 39°43.9'N 138°44.5'E 39°33.0'N 139°12.0'E 39°33.2'N 139°27.1'E 39°37.9'N 139°57.6'E 39°38.3'N 140°03.8'E
74271	9Ed. 9/6/97 LAST NM 10/04 Delete Dangerous wreck Add Depth 9.1 meters, blue tint and enclosing depth contour (10-meter) centered Depth 14.4 meters Depth 9.7 meters Wk [K26] (3101)04 Wollongong)	21/04 13°55'12"S 143°44'15"E 13°50'22"S 143°41'03"E 13°46'22"S 143°41'19"E 13°55'32"S 143°44'18"E	95060	13Ed. 8/5/95 LAST NM 19/04 Add Quarantine anchorage area [N12.8] bound by purple dashed line joining Submarine cable [L30.1] joining (34(45, 47)02 Inchon)	21/04 37°09.9'N 126°27.6'E 37°09.9'N 126°30.8'E 37°08.9'N 126°30.8'E 37°08.9'N 126°27.6'E 37°08.4'N 126°34.2'E 37°08.2'N 126°34.8'E 37°07.1'N 126°32.9'E
74272	7Ed. 8/23/97 LAST NM 15/04 Add Depth 9.1 meters, blue tint and enclosing depth contour (10-meter) centered Depth 14.4 meters enclosed by depth contour (15-meter) (3101)04 Wollongong)	21/04 13°50'22"S 143°41'03"E 13°46'22"S 143°41'19"E	95066	11Ed. 11/21/98 LAST NM 17/04 Delete "QUARANTINE ANCHORAGE" area in vicinity Anchorage symbol Add Quarantine anchorage area [N12.8] bound by purple dashed line joining Submarine cable [L30.1] joining (34(45, 47), 13(175)02, 30(529)03 Inchon)	21/04 37°09'12"N 126°29'54"E 37°04'19"N 126°30'06"E 37°09'52"N 126°27'35"E 37°09'52"N 126°30'47"E 37°08'52"N 126°30'47"E 37°08'52"N 126°27'35"E 37°08'23"N 126°34'09"E 37°08'10"N 126°34'45"E 37°07'06"N 126°32'55"E 37°13'53"N 126°25'16"E
74350	4Ed. 10/21/95 LAST NM 44/03 Substitute Depth 44 meters Wk for 45 meters Wk (149)04 Wollongong)	21/04 10°28.6'S 137°05.5'E	95080	13Ed. 6/24/95 LAST NM 20/04 Delete Wreck Dangerous wreck "Rep (2002)" Add Dangerous wreck [K28] Dangerous wreck [K28] Dangerous wreck [K28] (50(643)01, 6(91), 9(135)02, 27(463)03 Inchon)	21/04 34°37'35"N 126°13'53"E 36°01'51"N 126°14'23"E 35°12'45"N 125°54'31"E 35°52'11"N 126°19'53"E 36°00'05"N 126°14'29"E
75132	11Ed. 3/19/94 LAST NM 9/04 Add Beacon YBY, double cone topmark points together, Q(9) 15s [Q130.3] Beacon YBY, double cone topmark points together, Q(9) 15s [Q130.3] (3111)04 Wollongong)	21/04 34°51'03.5"S 138°28'22.4"E 34°50'56.0"S 138°28'22.6"E	95082	9Ed. 5/28/94 LAST NM 19/04 Delete Dangerous wreck "Rep (2002)" Add Dangerous wreck [K28] Dangerous wreck [K28] Dangerous wreck [K28] (6(91, 92), 9(135)02 Inchon)	21/04 36°01'51"N 126°14'23"E 35°52'11"N 126°19'53"E 35°59'59"N 126°29'41"E 36°00'05"N 126°14'29"E
75171	22Ed. 4/3/99 LAST NM 10/04 Delete Position circle "Pile" (3113)04 Wollongong)	21/04 38°06'42"S 144°36'12"E			
75176	9Ed. 9/16/00 LAST NM 44/03 Relocate Beacon "No 0" from 38°06'17.9"S 144°37'02.0"E to 38°06'16.0"S 144°37'01.4"E Beacon "No 1" from 38°06'42.0"S 144°36'09.5"E to 38°06'41.5"S 144°36'10.7"E (3113)04 Wollongong)	21/04 38°06'16.0"S 144°37'01.4"E 38°06'41.5"S 144°36'10.7"E			
81004	3Ed. 7/03 LAST NM 17/04 Change Buoy "P" to Y, can (Priv) with legend "(FAD)" (See 17/04-81004) (12/04 CG14)	21/04 13°42.6'N 145°01.6'E			
★81048	9Ed. 10/03 LAST NM 17/04 Change Buoy "P" to Y, can (Priv) with legend "(FAD)" (See 17/04-81048) (12/04 CG14)	21/04 13°42'35"N 145°01'36"E			

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95100 12Ed. 3/2/96 LAST NM 20/04 Delete Wreck (50(643)01 Inchon)	21/04 34°37'35"N 126°13'53"E	★97143 12Ed. 2/14/04 NEW EDITION (NGA)	21/04
95138 8Ed. 2/5/94 LAST NM 36/03 Delete Pilot station symbol and legend "No.1" (6(88)02 Inchon)	21/04 34°43'47.0"N 127°48'04.0"E	97182 13Ed. 1/1/94 LAST NM 9/04 Delete Buoy "R Lt" (See 45/99-97182) (12(309)04 Tokyo)	21/04 34°32'00.0"N 136°48'48.0"E
Add Pilot station symbol [T1.2] with legend "No.1" (6(88)02 Inchon)	34°44'35.0"N 127°49'40.0"E		
95140 15Ed. 10/7/95 LAST NM 20/04 Delete Pilot station symbol and legend "No.1" Pilot station symbol and legend "No.2" (6(88)02 Inchon)	21/04 34°43'47"N 127°48'04"E 34°39'11"N 127°57'52"E	97223 3Ed. 11/7/98 LAST NM 46/03 Delete Buoy "2A" Buoy "2B" (12(311)04 Tokyo)	21/04 34°29'08.4"N 135°22'07.0"E 34°29'04.0"N 135°22'16.0"E
Add Pilot station symbol [T1.2] with legend "No.1" Pilot station symbol [T1.2] with legend "No.2" (6(88)02 Inchon)	34°44'35"N 127°49'40"E 34°40'51"N 127°55'42"E	★97225 32Ed. 1/24/04 NEW EDITION Add Fish haven symbol [K46.1] (NGA; 7(190)04 Tokyo)	21/04 34°20'48"N 135°10'11"E
95143 11Ed. 5/15/99 LAST NM 36/03 Delete Pilot station symbol and legend "No.1" (6(88)02 Inchon)	21/04 34°43'47"N 127°48'04"E	97274 19Ed. 6/27/98 LAST NM 9/04 Delete Depth 9.9 meters, blue tint and enclosing depth contour (10-meter)	21/04 33°59'12"N 131°00'47"E
		Add Depth 11.6 meters (Supersedes 7/04-97274)	33°59'14"N 131°01'05"E
		Add Depth 10.7 meters Depth 10 meters (12(333)04 Tokyo)	33°59'16"N 131°00'49"E 33°59'18"N 131°01'02"E
95147 13Ed. 5/14/94 LAST NM 20/04 Delete Anchorage area "A-7" Anchorage area "A-8" (15(200)04 Inchon)	21/04 35°10'00.0"N 128°35'41.0"E 35°09'39.0"N 128°35'54.0"E	★97277 12Ed. 1/24/04 NEW EDITION Add Fish haven symbol [K46.1] (NGA; 5(130)04 Tokyo)	21/04 33°27'38"N 132°13'13"E
95261 7Ed. 8/17/96 LAST NM 14/04 Add Submarine cable [L30.1] joining (26(1111)99 Tokyo)	21/04 39°43'54"N 138°44'30"E 39°33'00"N 139°12'00"E 39°33'12"N 139°27'06"E 39°37'54"N 139°57'36"E 39°38'18"N 140°03'48"E	97285 6Ed. 7/26/97 LAST NM 7/04 Delete Depth 9.9 meters, blue tint and enclosing depth contour	21/04 33°59'11.8"N 131°00'46.5"E
		Depth 11.6 meters Depth 11.8 meters (Supersedes 7/04-97285)	33°59'14.4"N 131°01'04.8"E 33°59'16.6"N 131°01'09.5"E
		Add Depth 10.7 meters Depth 10 meters, blue tint and enclosing depth contour (10-meter)	33°59'15.5"N 131°00'48.5"E
		Depth 12.8 meters Depth 13 meters (12(333)04 Tokyo)	33°59'12.4"N 131°01'11.9"E 33°59'11.7"N 131°00'48.2"E
★95270 5Ed. 1/24/04 NEW EDITION Add Danger circle "Obstn" [K40] (NGA; 13(344)04 Tokyo)	21/04 37°31.8"N 137°23.0"E	97320 6Ed. 1/18/97 LAST NM 14/04 Add Submarine cable [L30.1] joining	21/04 32°20.5'N 133°13.3'E 32°16.0'N 132°42.0'E 32°15.0'N 132°06.8'E 32°07.1'N 131°53.3'E 32°06.6'N 131°51.6'E 32°04.4'N 131°45.7'E 32°00.6'N 131°34.6'E 32°01.4'N 131°29.8'E
★95280 10Ed. 12/27/03 NEW EDITION (NGA)	21/04	(24(1019)99 Tokyo)	
★95300 6Ed. 2/14/04 NEW EDITION (NGA)	21/04	★97501 2Ed. 4/3/04 NEW EDITION (NGA)	21/04
96763 7Ed. 8/22/98 LAST NM 16/04 Delete Submarine cable in vicinity (26(1110)99 Tokyo)	21/04 42°57'48.0"N 144°22'24.0"E		
97021 7Ed. 6/30/90 LAST NM 20/04 Add Submarine cable [L30.1] joining (24(1019)99 Tokyo)	21/04 32°30.0'N 133°58.0"E 32°25.0'N 133°47.0"E 32°16.0'N 132°42.0"E 32°15.0'N 132°06.8"E 32°06.6'N 131°51.6"E 32°04.4'N 131°45.7"E 32°00.6'N 131°34.6"E 32°01.4'N 131°29.8"E		
★97061 4Ed. 1/24/04 NEW EDITION (NGA)	21/04		
★97080 6Ed. 2/14/04 NEW EDITION Delete HORN from light (NGA; 7(189)04 Tokyo)	21/04 36°59'42"N 140°58'55"E		



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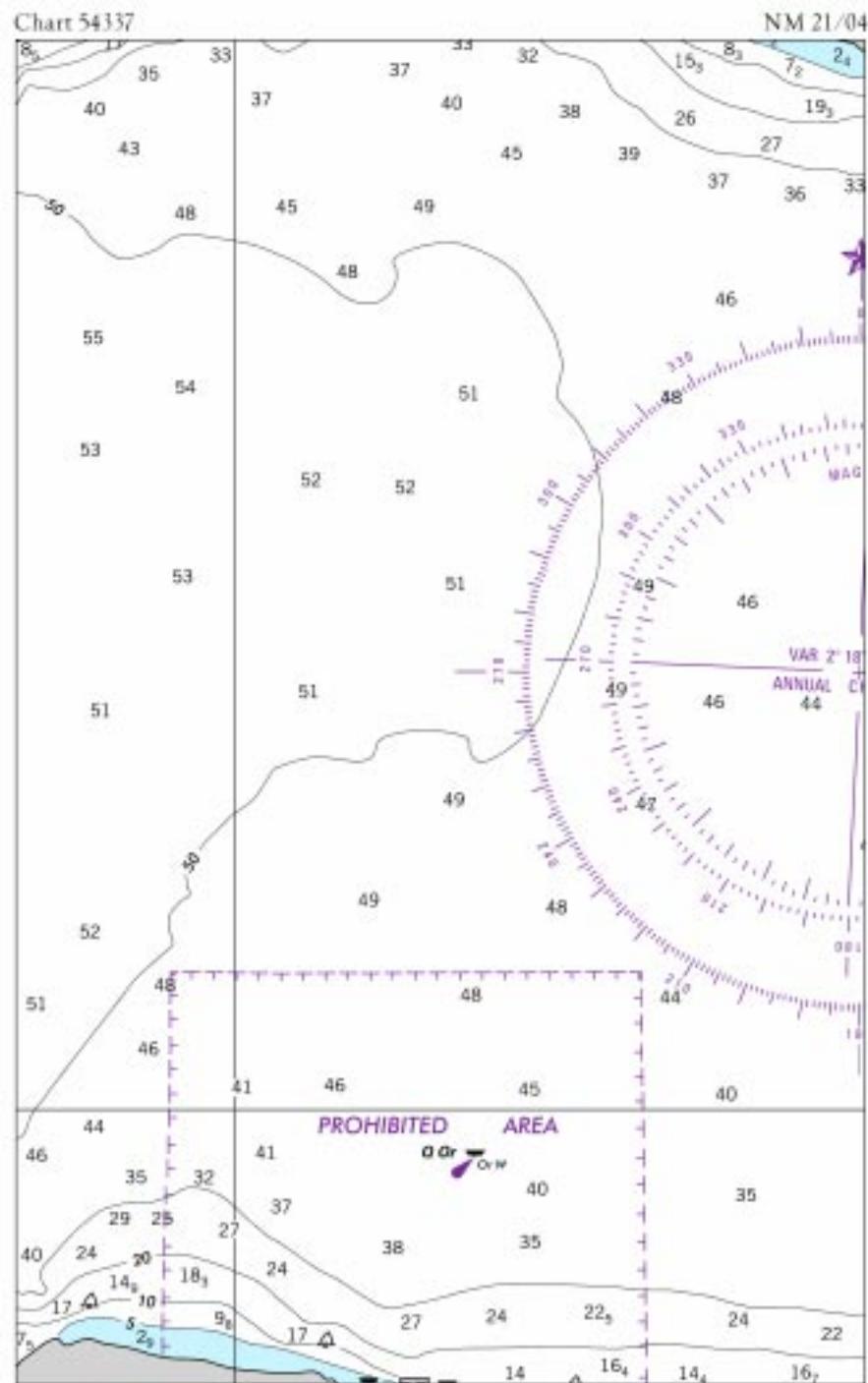
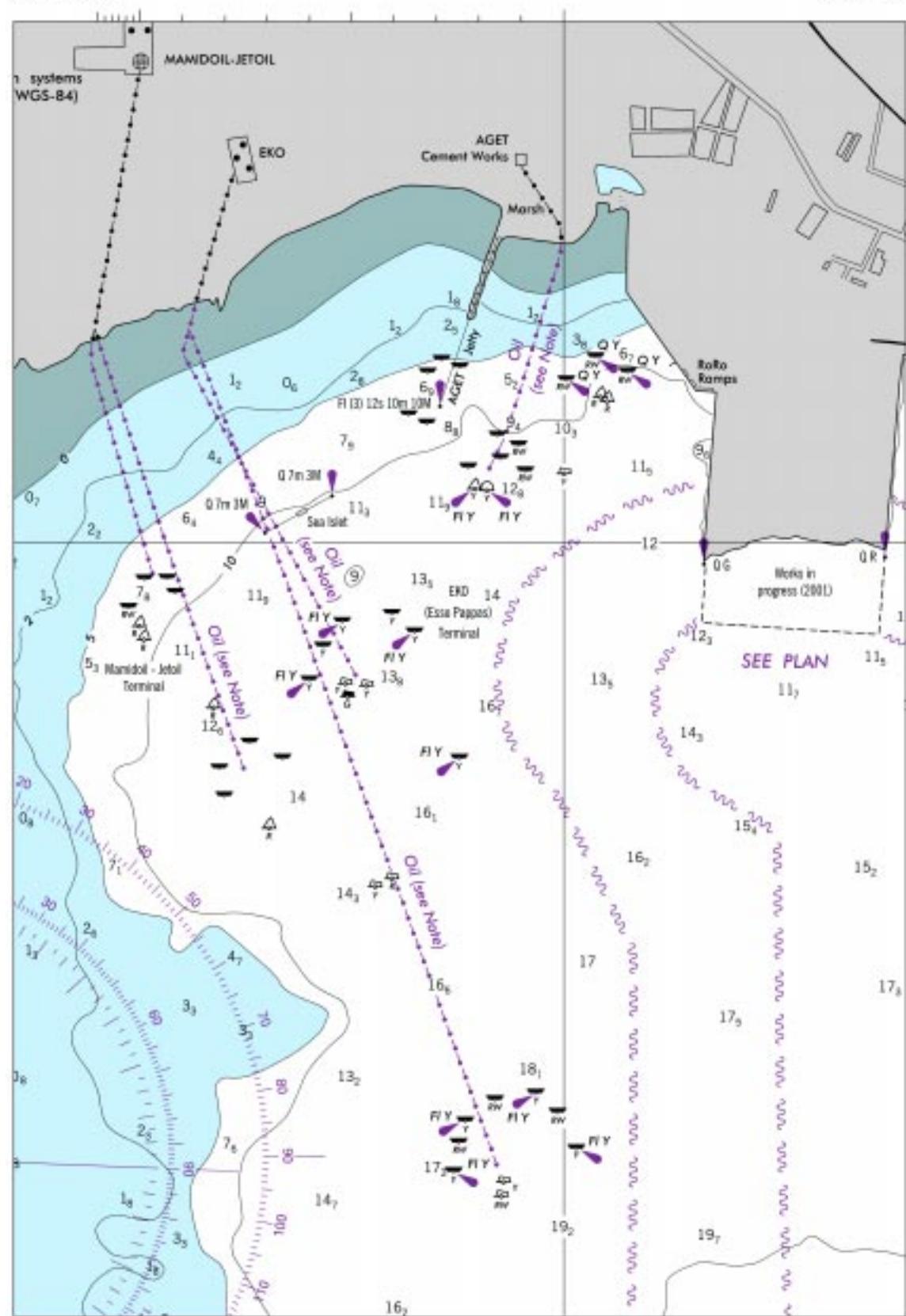


Chart 54359

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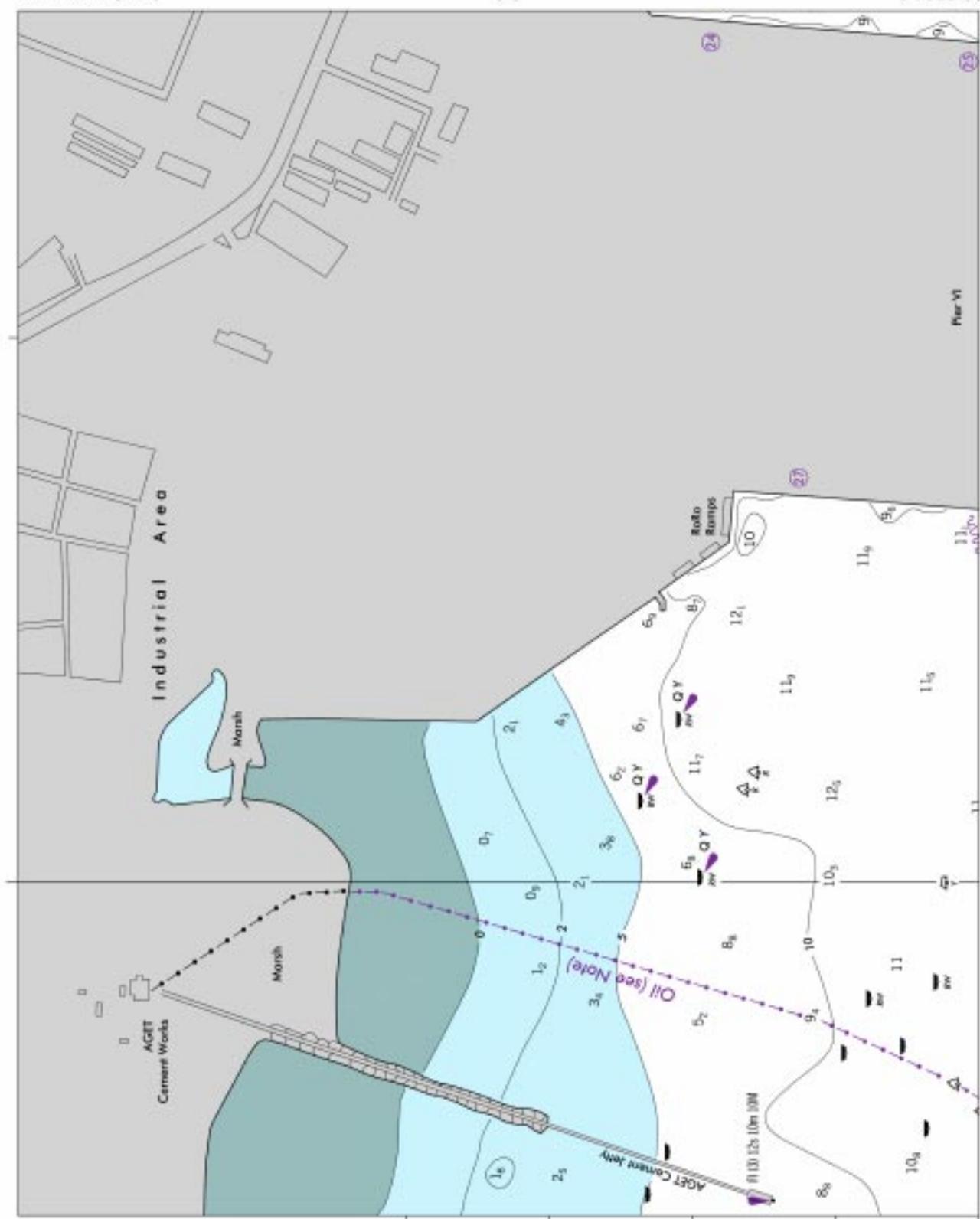
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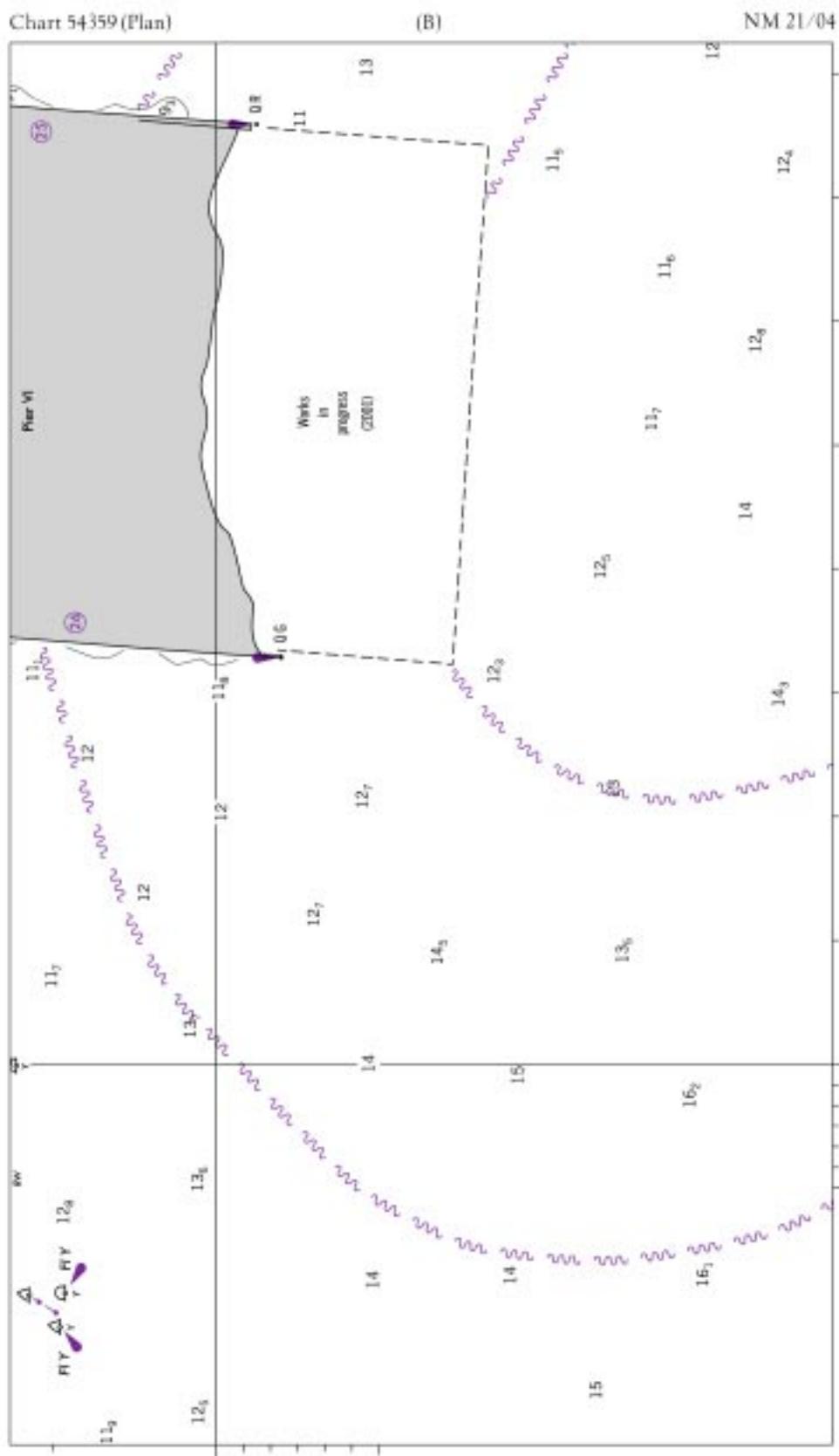
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Chart 54359 (Plan)

(A)

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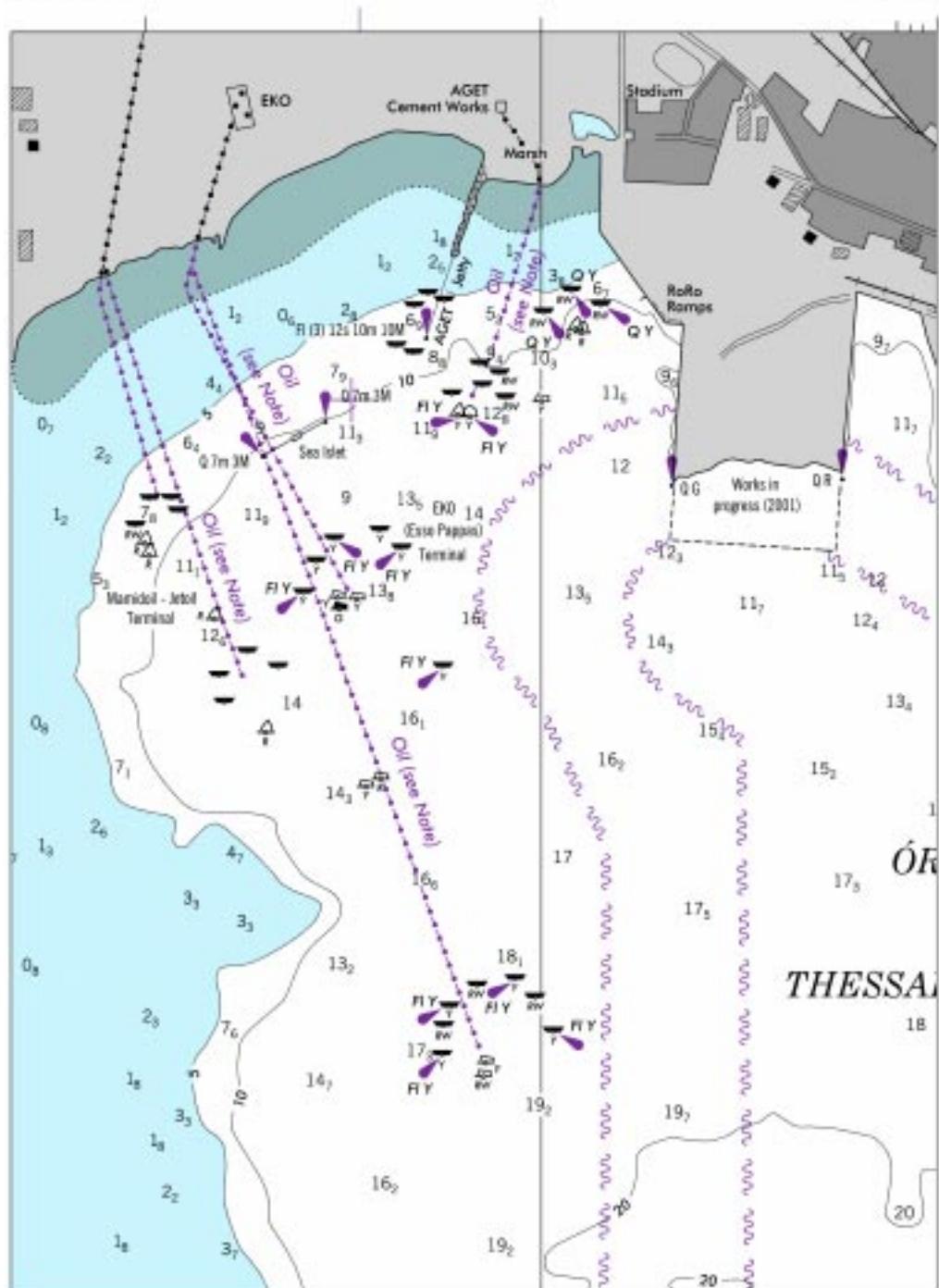


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Chart 54361

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SECTION I

NM 21/04

Chart 11505

NM 21/04

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	
TYBEE RANGE	43.5	44.0	45.0	44.0	03-04	600 3.3 44
BLOODY POINT RANGE	44.0	44.0	44.0	41.0	03-04	600 3.0 44
JONES ISLAND RANGE	44.0	42.0	43.5	44.0	03-04	600 1.2 44
TYBEE KNOB CUT RANGE	42.5	43.5	43.0	44.0	03-04	500 2.5 42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11506

NM 21/04

BRUNSWICK HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY		WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
BAR CHANNEL (ST SIMON RANGE)	32.0	34.0	A31.0	10-03	500	7.7 32
PLANTATION CREEK RANGE	43.0	42.0	38.5	2-04	400	1.8 32
JEKYLL ISLAND RANGE	29.0	30.5	33.0	2-04	400	1.9 30
CEDAR HAMMOCK RANGE	28.5	30.0	27.0	2-04	400	1.4 30
BRUNSWICK PT CUT RANGE	27.5	28.0	29.0	2-04	400	2.4 30
EAST RIVER						
LOWER REACH	B32.5	31.0	29.5	2-04	400	1.1 30
UPPER REACH	27.0	27.0	25.5	2-04	350	1.0 27
EAST RIVER TURNING BASIN	27.5	27.5	27.5	2-04	750	0.2 30
TURTLE RIVER LOWER RANGE	33.0	30.0	30.0	2-04	300	1.7 30
BLYTHE ISLAND RANGE	30.5	26.0	25.0	2-04	300	1.5 30
TURTLE RIVER UPPER RANGE	27.0	27.5	26.0	2-04	300	1.7 30
SOUTH BRUNSWICK RIVER	31.0	30.5	32.5	2-04	400	1.3 30

A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W.
 B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 32.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 30.5 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.
 NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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Chart 11512

NM 21/04

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
TYBEE RANGE	43.5	44.0	45.0	44.0	03-04	600 3.3 44
BLOODY POINT RANGE	44.0	44.0	44.0	41.0	03-04	600 3.0 44
JONES ISLAND RANGE	44.0	42.0	43.5	44.0	03-04	600 1.2 44
TYBEE KNOLL CUT RANGE	42.5	43.5	43.0	44.0	03-04	500 2.5 42
NEW CHANNEL RANGE (A)	43.0	44.0	44.0	43.0	03-04	500 1.6 42
L. I. CROSSING RANGE	43.5	44.0	45.0	42.5	03-04	500 2.6 42
LOWER FLATS RANGE	44.0	46.5	46.0	44.0	03-04	500 1.3 42
UPPER FLATS RANGE	44.0	48.0	46.0	46.0	03-04	500 1.2 42
THE BIGHT CHANNEL	44.5	46.5	47.5	47.5	03-04	500 1.5 42
FT. JACKSON RANGE	44.5	47.5	47.5	43.0	03-04	500 0.7 42
OGLETHORPE RANGE	43.0	45.0	44.5	43.0	03-04	500 1.2 42
WRECKS CHANNEL (B)	41.0	44.0	46.0	44.0	03-04	500 1.5 42
CITY FRONT CHANNEL	42.5	44.0	44.0	43.5	03-04	500 1.5 42
MARSH ISLAND CHANNEL (C)	42.5	46.5	44.5	42.0	03-04	500 1.7 42
KINGS ISLAND CHANNEL (D)	40.5	38.0	44.0	42.5	03-04	500 2.1 42
WHITEHALL CHANNEL (E)	38.0	39.0	38.0	40.0	03-04	400 0.6 42-36
PORT WENTWORTH CHANNEL (F)	30.0	31.5	31.0	32.0	12-94; 03-04	200 1.2 30
A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 40.0 FT 100 FT FROM BACKSIDE. B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 30.5 FT 100 FT FROM BACKSIDE. C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 34.5 FT, 30.0 FT 100 FT FROM BACKSIDE. D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 45.0 FT, 49.0 FT 100 FT FROM BACKSIDE. E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.5 FT 100 FT FROM BACKSIDE. F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.5 FT, 28.5 FT 100 FT FROM BACKSIDE. NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR. NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS. NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11514 (Side A)

NM 21/04

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
OGLETHORPE RANGE	43.0	45.0	44.5	43.0	03-04	500 1.2 42
WRECKS CHANNEL (A)	41.0	44.0	46.0	44.0	03-04	500 1.5 42
CITY FRONT CHANNEL	42.5	44.0	44.0	43.5	03-04	500 1.5 42
MARSH ISLAND CHANNEL (B)	42.5	46.5	44.5	42.0	03-04	500 1.7 42
KINGS ISLAND CHANNEL (C)	40.5	38.0	44.0	42.5	03-04	500 2.1 42
WHITEHALL CHANNEL (D)	38.0	39.0	38.0	40.0	03-04	400 0.6 42-36
PORT WENTWORTH CHANNEL (E)	30.0	31.5	31.0	32.0	12-94; 03-04	200 1.2 30
A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 30.5 FT 100 FT FROM BACKSIDE. B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 34.5 FT, 30.0 FT 100 FT FROM BACKSIDE. C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 45.0 FT, 49.0 FT 100 FT FROM BACKSIDE. D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.5 FT 100 FT FROM BACKSIDE. E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.5 FT, 28.5 FT 100 FT FROM BACKSIDE. NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR. NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS. NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

Chart 11524

NM 21/04

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO DEC 2003								
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	46.8	47.8	47.5	47.0	4-03	1000	14.8	47
MOUNT PLEASANT RANGE	46.7	47.5	45.8	47.8	8-03	1000-600	1.6	45
REBELLION REACH	47.4	48.8	47.8	48.1	8-03	600	1.4	45
SHUTES-FOLLY REACH	48.2	48.1	48.4	48.9	9-03	600-800	1.3	45
HORSE REACH	48.6	49.5	49.1	46.0	9-03	800	0.5	45
CUSTOMHOUSE REACH	47.1	49.2	48.8	47.3	9-03	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	A24.3	10-96	600-1000	3.1	45
HOG ISLAND REACH	46.5	46.9	45.2	42.6	9-03	600-1300	1.5	45
DRUM ISLAND REACH	46.2	47.6	48.2	42.3	5-03	600-1300	0.7	45
TOWN CREEK LOWER REACH	39.5	39.0	39.0	38.2	9-03	400-450	1.1	45
TURNING BASIN	36.5	34.3	34.2	33.4	5-02	250	0.25	35
TOWN CREEK UPPER REACH	35.2	40.2	B40.9	40.5	11-01;5-02	250	1.0	16
MYERS BEND	42.0	47.2	47.5	47.5	11-01;5-03	600-900	0.4	45
DANIEL ISLAND REACH	46.6	46.2	44.6	39.0	5-03	880-980	1.2	45
DANIEL ISLAND BEND	49.2	48.5	48.9	48.3	5-03	700-780	0.4	45
CLOUTER CREEK REACH	C41.0	42.6	42.6	40.2	5-03	600	0.9	45
NAVY YARD REACH	38.9	42.2	40.6	34.7	5-03	600-700	1.1	45
NORTH CHARLESTON REACH	35.0	41.5	43.7	46.8	5-03	500-600	1.0	45
FILBIN CREEK REACH	47.0	47.7	47.8	47.3	6-03	500	0.6	45
PORT TERMINAL REACH	41.3	42.5	44.8	44.9	6-03	600	0.7	45
ORDNANCE REACH	39.9	41.2	41.0	41.7	6-03	600	0.3	45
ORDNANCE REACH TURNING BASIN	43.9	40.6	38.4	37.9	6-03	800	0.26	45
WANDA RIVER								
LOWER REACH	45.8	46.3	47.1	45.9	6-03	1500-400	1.3	45
UPPER REACH	46.8	47.1	47.4	42.1	5-03	400-850	0.74	45
TURNING BASIN	49.2	49.9	48.6	48.7	5-03	550	0.3	45
SHIPYARD CREEK								
MAIN CHANNEL	26.2	27.4	29.0	27.2	8,10-00	1200-300	1.0	30
LOWER TURNING BASIN	37.9	38.9	40.0	40.8	8,10-00	700	0.2	38
UPPER TURNING BASIN	22.0	23.4	23.7	24.7	8,10-00	600	0.15	30
COOPER RIVER								
RANGE A	38.7	37.4	38.3	38.9	7,8-98;10-03	400-1350	1.02	35
RANGE B	18.6	23.1	39.1	37.3	12-99;10-03	VARIABLES	0.74	35
RANGE C	20.6	A24.6	38.9	39.2	7,8-98;12-99;10,11,12-03	VARIABLES	0.76	35
RANGE D	38.9	38.4	38.2	38.0	2-00;11,12-03	VARIABLES	0.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIABLES	0.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIABLES	0.29	35
A. ALONG CHANNEL EDGE. B. OBSTRUCTION LOCATED WITH A DEPTH OF 39 FEET, AT 32°48'45.3"N; 79°55'45.7"W. C. OBSTRUCTION LOCATED WITH A DEPTH OF 34 FEET, AT 32°51'26.8"N; 79°57'10.1"W. D. OBSTRUCTION LOCATED WITH A DEPTH OF 37 FEET, AT 32°55'15.9"N; 79°55'54.8"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11527

NM 21/04

COOPER RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2000 AND SURVEYS TO DEC 2003								
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
COOPER RIVER								
RANGE A	38.7	37.4	38.3	38.9	7,8-98;10-03	400-1350	1.02	35
RANGE B	18.6	23.1	39.1	37.3	12-99;10-03	VARIABLES	.74	35
RANGE C	20.6	A24.6	38.9	39.2	7,8-98;12-99;10,11,12-03	VARIABLES	.76	35
RANGE D	38.9	38.4	38.2	38.0	2-00;11,12-03	VARIABLES	.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIABLES	.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIABLES	.29	35
A. OBSTRUCTION LOCATED WITH A DEPTH OF 37 FEET, AT 32°55'15.9"N; 79°55'54.8"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 21/04

Chart 54359

NM 21/04

PIPELINES

Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. Any vessel damaging a line could face an immediate fire hazard, or loss of buoyancy. Vessels are requested not to anchor or trawl in the vicinity of pipelines.

Chart 54361

NM 21/04

PIPELINES

Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. Any vessel damaging a line could face an immediate fire hazard, or loss of buoyancy. Vessels are requested not to anchor or trawl in the vicinity of pipelines.

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
20	3	18/03	11301	23	16,24,32/03;1,7,17/04	11362	4	N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20/04	11470	36	40/03;16/04
21	4	4/04	11302	30	48/03*;1,7,17/04	11472	31	25,40/03;14/04			
22	1	18/03;4/04	11304	12	5/04	11474	10	17,52/03			
50	6	32*,34,40,50/03	11305	1	N32/03;N1,N13/04	11476	19	34/03;15/04			
53	2	34,50/03	11307	36	22,24,27,35,52/03;1/04	11477	6	N15/04			
70	4	34/03	11308	22	23,25,32/03;13/04	11478	20	32*,50,52/03;13/04			
71	4	34/03	11309	37	48*,50/03;1,13/04	11479	4	N23,N25,N31,N34,N40, N52/03;N19/04			
73	4	34/03	11310	1	N22,N23,N32/03;N1, N12/04	11480	38	30/03*;14,21/04			
103	5	16/03;9/04	11311	23	26/03;1,12/04	11481	4	19,28,34,50,52/03;13, 15/04			
108	9	34,39/03;19,21/04	11312	3	22,23,32/03;1,13/04	11484	22	11/04*			
120	6	39/03	11313	22	22,27,36,52/03;4,14, 20/04	11485	33	22/03*			
124	10	18,34,39/03	11314	23	15/04*	11486	15	36/03*			
125	7	21/03	11315	31	48/03*	11488	24	17,50/03;16/04			
126	39	21/03	11316	39	17*,22,26,29,34/03;1, 15/04	11489	35	19/04*			
145	16	39/03	11317	30	12*,19/04	11490	17	50/03;14/04			
200	3	37/03	11318	1	N24,N25,N44,N50/03; N1,N13/04	11491	33	30,34,50,52/03;14/04			
204	4	4/04	11319	31	17*,19,20,25,26,29,30, 34/03	11493	9	N20,N22,N31/03;N14/04			
211	5	4/04	11320	1	N22,N23,N24,N52/03	11494	8	N22/03;N14/04			
301	1	21,24/03	11321	29	23,31,34/03;7,10,13,14, 18,20/04	11496	9	N17,N19,N34/03;N5, N14,N21/04			
310	20	21,24,52/03;6/04	11322	28	19*,20,23,30,34,35,42, 47/03;1,7,14,17/04	11498	16	14/04			
400	3	29,33,34/03;6,19/04	11323	60	47*,49,51/03;1,3,5,6,9, 11,19/04	11502	29	18/04*			
401	5	29,33,34,44/03;6,19, 21/04	11324	33	47*,49,52/03;1,14,17,19, 20/04	11503	40	2*,14/04			
411	49	19*,22,23,24,25,26,29, 30,31,33,44,52/03;1,5,6, 16,19,21/04	11325	35	26*,38,42,47/03;1,14, 17/04	11504	15	22/03			
500	8	32*,34,41/03	11326	32	15*,16,17,19,20/04	11505	1	22,34,43,51/03;14,16, 21/04			
501	12	18,21,22,24,40,41/03;4,6,	11327	31	46*,52/03;1,14,16,17, 19/04	11506	40	19,22,28,34,43,51,52/03; 14,16,21/04			
502	2	40,44/03;11/04	11328	23	43*,52/03;1,2,4,6,7,14, 17/04	11507	31	20/03;16/04			
503	4	1/04	11329	35	48*,49,52/03;2,6,7,14, 17/04	11509	27	24/03;14/04			
510	3	40/03;17/04	11330	15	50*,51/03;1,2,4,5,6,7,10, 13,14,15,17,20/04	11511	16	14/04			
511	4	17/04	11331	19	12*,14/04	11512	59	15,20,22,24,34,43,51/03; 14,16,21/04			
512	2	11,20/04	11332	28	17*,20,23,30,34,35,42, 47/03;1,7,14,17/04	11513	23	24,50/03;14/04			
513	6	34,50/03;18/04	11333	1	N35/03	11514	26	15,22,24,34,43,51/03;14, 16,21/04			
514	7	16/04*	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20/04	11516	30	43*,50/03			
520	127	34,40,41/03;4,11/04	11341	40	18/04*	11517	17	24/03			
521	11	34,50/03;11,20/04	11342	52	27*,29,31,34,35,42,46, 47/03;1,6,13,14,17/04	11518	33	19,28,50/03;14,15/04			
523	8	34,50/03;11,20/04	11343	37	48*,49,50/03;4,17/04	11519	12	28/03*			
524	12	34/03	11344	35	19,22,23,26,27,29,31,34, 37,47,52/03;1,2,4,5,6,12, 17/04	11520	41	38*,39,50/03;1,2,5,7,8, 14/04			
525	3	40/03	11345	31	38/03/4/04	11521	26	19,24,28,34,39/03;14/04			
530	30	18,21,22,24,34,40,41,44, 50/03;4,7,11,19,21/04	11347	33	19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03;	11522	19	39/03;14/04			
531	22	21/04*	11348	20	43*,47,51/03;4/04	11523	21	19,24,28,34/03;14/04			
532	17	34,50/03;11,15,20/04	11349	40	23,26,27,31,36,52/03;6,	11524	47	18*,21/04			
540	17	16/04*	11350	25	43/03*	11525	6	N24,N39,N50/03;N1,N2, N5,N7,N8/04			
600	5	45/03	11351	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3,5, 10,12,13,14,15/04	11526	10	20/03*			
601	4	27,38/03	11352	37	13*,14,15,20/04	11527	16	20/03;14,15,16,21/04			
602	6	38/03	11353	27	27*,29,31,34,35,42,46, 47/03;1,6,13,14,17/04	11531	21	39/03			
604	5	38/03	11354	37	48*,49,50/03;4,17/04	11532	20	39,43,50/03			
606	1	17/03	11355	35	19,22,23,26,27,29,31,34, 38,43,46,47/03;4,5,9,14, 16,17/04	11534	33	19/04*			
607	1	17,45/03	11356	31	38/03/4/04	11535	12	39/03;14/04			
623	9	19,36/03	11357	33	19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03;	11536	17	18/04*			
624	3	7/04	11358	52	49/04	11537	35	18*,19/04			
703	4	44/03	11359	20	43*,47,51/03;4/04	11541	34	51/03*;9,11,12,19/04			
706	4	44/03	11360	40	23,26,27,31,36,52/03;6,	11543	22	38/03;1,19/04			
707	2	34,44/03	11361	71	11*,12,13,17,19/04	11544	38	18*,19/04			
708	3	34,36/03				11545	61	16*,19/04			
709	2	19,25/03				11546	36	16*,19/04			
800	4	15,20/04				11547	36	12/04*			
803	1	15/04				11548	39	17/03*,7/04			
1113A		20*,21,22,25,52/03; 16/04	11362	4	N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20/04	11549	27	19/03			
1114A		16/04	11363	39	18*,19/04	11550	75	48*,50/03;2,9,11,19/04			
1115A		19,23,24,25,26,27,29,30, 34,35,37,38,49,50,51, 52/03;1,2,3,5,7,11,13,14, 15,20/04	11364	39	15*,16,17,19,20/04	11551	45	6*,7,9,10,11,12,13,15/04			
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20/04	11365	37	13*,14,15,20/04	11552	33	30/03/5/04			
1117A		28*,30,31,32,33,35,36, 44,45,50,51/03;5,6,7,10, 15,18,20/04	11366	34	12*,39,52/03	11553	28	43*,50/03;5,11/04			
5161	13	48/03*	11367	35	10*,14,15,20/04	11554	36	16*,19/04			
11004	7	18,21,22,23,24,25,26,27, 29,30,32,34,36,37,38,44, 51/03;1,3,4,5,6,10,13,14, 15,16,18/04	11368	36	43*,52/03;2,3,5,12,14,15, 17,20/04	11555	39	18/04*			
11006	31	47*,49,50/03;3,5,6,13,16, 20/04	11369	11	49,50/03;19/04	11556	36	33/03			
11009	36	19,39,52/03;5,21/04	11370	40	19,23,24,25,26,27,29,30, 34,35,37,38,49,50,51, 52/03;1,2,3,5,7,11,13,14, 15,20/04	11557	44	19,52/03/2/04			
11013	45	38*,40,50,52/03;16, 19/04	11371	52	41*,49,50,51/03;2,3,5,6, 7,14,19/04	11558	27	19/03			
11300	39	28*,30,31,32,33,34,35,36, 44,45,50,51/03;5,6,7,10, 15,18,20/04	11372	52	10*,14,15,20/04	11559	75	48*,50/03;2,9,11,19/04			
11361	71	11*,12,13,17,19/04	11373	34	38*,52/03;1,3,4,6,13,14, 19/04	11560	45	6*,7,9,10,11,12,13,15/04			
			11374	35	12*,14,15,20/04	11561	23	33,45/03;9/04			
			11375	35	12*,14,15,20/04	11562	54	22*,33/03;9/04			
			11376	49	48*,49,50/03;5,7,11,16,17, 19,20/04	11563	20	15*,16,21/04			
			11377	5	38*,44,50/03;7,14,17,20/04	11564	47	18*,21/04			
			11378	33	16*,20/04	11565	6	N24,N39,N50/03;N1,N2, N5,N7,N8/04			
			11379	40	18*,20/04	11566	36	14/04			
			11380	23	19*,20/04	11567	39	18*,20/04			
			11381	20	23*,3,7,14,16,17,20/04	11568	36	16*,19/04			
			11382	40	18*,04*	11569	36	16*,19/04			
			11383	50	52/03*;13/04	11570	39	18*,20/04			
			11384	34	2*,13/04	11571	41	38*,39,50/03;1,2,5,7,8, 14/04			
			11385	25	49/03	11572	16	20/03;14,15,16,21/04			
			11386	17	18*,20/04	11573	20	39,43,50/03			
			11387	32	32,42,45/03;2,7,13,14,16, 17/04	11574	33	19/04*			
			11388	23	19*,20/04	11575	12	39/03;14/04			
			11389	32	32,32,43,47,48,50,51/03;	11576	17	18/04*			
			11390	23	19*,20/04	11577	35	18*,19/04			
			11391	23	2*,3,7,14,16,17,20/04	11578	22	38/03;1,19/04			
			11392	6	21,32,50/03;3,14/04	11579	47	18*,21/04			
			11393	20	30,35,42/03;13,14/04	11580	41	38*,39,50/03;1,2,5,7,8, 14/04			
			11394	34	15,16/04	11581	33	19,28,50/03;14,15/04			
			11395	14	27/03	11582	12	28/03*			
			11396	25	10/04*	11583	20	39/03			
			11397	35	10*,14,15/04	11584	36	16*,19/04			
			11398	36	38*,52/03;14,15/04	11585	36	16*,19/04			
			11399	15	15,16/04	11586	36	16*,19/04			
			11400	34	15,16/04	11587	36	12/04*			
			11401	29	27/03	11588	28	17/03*,7/04			
			11402	21	30*,34/03	11589	39	18/04*			
			11403								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12238	38	6*,19/04	13200	33	18,36,39,44,45,48/03; 6/04	14066	19	34,42,47/03;5/04	14254		N40/03*
12241	21	34/03;2/04	13201	10	N18,N36,N39,N44,N45, N48/03;N6/04	14067	11	14/04	14259	3	40/03**
12243	13	12,20/04	13203	12	48/03	14081	21	36,47/03;2/04	14260	47	39/03**
12244	13	20/04	13204	12	44/03;6/04	14085	6	49/03;15/04	14263	15	40/03**
12245	62	30*,33,34,49/03;4,7,10, 12,15/04	13205	36	23/03;2,17/04	14088	10	34/03;5/04	14264	4	40/03**
12248	40	44/03*;4,15/04	13209	23	23/03;2,17/04	14105	19	47/03	14280	37	40/03**
12251	23	15,26/03;12/04	13211	13	45/03	14110	42	32,44/03;1/04	14310	2	40/03**
12252	23	15,17,30,35,45,49/03;16, 20/04	13212	36	18/04*	14111	7	32,34,42,44/03	14319		N19/04*
12253	43	35/03*;2,10,13,15,19/04	13213	41	18*,20/04	14112	5	32,42,44/03;1/04	14325	13	6/04
12254	44	16/04*	13214	27	2,17/04	14115	2	47/03	14328	6	47/03;9/04
12255	15	30,34/03	13215	17	6/04	14128	6	4/04	14329	5	32,47,49/03;1/04
12256	14	48/03*;2,12/04	13216	1	N2/04	14135	2	14/04	14340	25	22,30,49/03;1,9,15/04
12261	28	18,22,48/03;20/04	13217	14	6/04	14136	2	1/04	14341	5	34,47,49/03
12263	53	11*,14/04	13218	38	46,50,52/03;19,20/04	14141		N38/03*;N4,N15/04	14342	20	30,49/03;9/04
12264	28	42,44,48,52/03	13221	54	15*,19,20/04	14143		N38/03*;N4,N15/04	14344	2	49/03
12266	28	8/04*	13223	37	16*,20/04	14144	29	38/03**	14345	5	22,49/03
12270	33	15/04*	13224	36	27/03;15,19/04	14145	2	47/03;15/04	14349	7	42,47/03;5,6/04
12272	29	16,30,33,38/03;7/04	13225	33	15,19/04	14146	2	32,49/03;6/04	14353	3	42/03
12273	54	47/03*;7,20/04	13226	6	17*,19/04	14151	2	32,34,38/03;1,4/04	14354	2	32,42,50/03
12274	33	15,17,30,33/03;20/04	13227	13	49/03;19/04	14156	2	14/04	14355	3	50/03
12277	32	35*,51/03;20/04	13229	28	12*,13,19/04	14167		N6,N14/04	14357		N49/03;N4,N15/04
12278	73	8/04*	13230	47	15*,19/04	14168		N37/03	14358		N34,N47/03;N1,N5, N15/04
12280	4	52/03*;2,7,9/04	13232	4	19/04	14169	2	32,38,42,49/03	14360	36	47/03;4,5,6,15/04
12281	49	19,25,38,44,48,49/03;1, 16,20/04	13233	16	39/03;4/04	14173	2	38/03	14364	6	4/04
12282	34	43/02*	13235	5	48/03;4/04	14174		N42/03*;N14/04	14373	2	34,49/03;1,4/04
12283	24	18,25/03	13236	29	19,50/03;1/04	14175		N43/03*;N9/04	14380	19	49/03;6/04
12284	15	42,48/03	13237	39	27*,39/03;13/04	14176		N38/03*	14386	3	6/04
12285	36	19/04*	13244	39	32/03	14177		N40/03*	14404	4	47/03
12286	29	42,52/03	13246	37	36*,42/03	14178		N40/03*;N5,N6/04	14415	4	36/03
12288	19	9/04	13249	12	22/03*	14180	38	42/03**	14420	27	40/03**
12289	48	19,22/03;13/04	13260	39	36*,39,42,45/03;16/04	14181	3	43/03**	14756		N50/03;N11/04
12300	43	19*,39,44,48,49/03;6,17, 20/04	13263	7	N18,NP21,N23,N26, N29,N36,N39,N42, N45/03	14184		N32,N44,N47,N49/03	14757		N15/04
12301	21	N17,N39,N44,N48, N49/03;N6,N20/04	13264	103	P21,26,29,39,42,49/03; 5/04	14185	2	40/03**	14758		N32,N49/03
12304	43	21*,26,48,52/03;2,5,9/04	13267	31	47/03*;9/04	14187	2	38/03**	14769		N13/04**
12311	42	38*,48,51/03;1,10,16/04	13269	9	7,9/04	14188	1	42/03	14773	16	26/03
12312	52	15,24,32,51/03;1,10, 16/04	13270	60	50/03*;9,15/04	14190	2	37,42/03;14/04	14774	16	15/03
12313	49	35*,43,52/03;8,15/04	13272	48	18*,20/04	14191		N38/03*	14782	24	47/03
12314	30	25,33,35/03;19/04	13274	25	43/03*;6,15/04	14192		N38/03*;N9/04	14784	19	47/03
12316	30	12*,19/04	13275	28	45/03*;15/04	14193		N38/03*;N15/04	14785	17	18/04*
12317	31	19/04	13276	22	36/03*	14195		N42/03*;N15/04	14786	13	49/03;19/04
12318	41	32,44/03;6/04	13278	25	32,39/03/17/04	14196		N38/03*;N15/04	14800	9	20/04
12323	23	6/04	13279	30	20*,32,39/03/17/04	14197		N38/03*;N15/04	14802	30	20/04
12324	31	15*,19/04	13281	17	17/04	14198		N43/03*	14803	26	49/03
12326	49	35*,49/03	13282	11	21*,39/03	14200	2	38/03**	14805	24	21/04*
12327	97	48*,49/03;17,20/04	13283	18	4,6/04	14201	15	38/03**	14811	16	20/04
12331	30	18,33/03	13285	10	20/03;4/04	14202	21	38/03**	14813	21	49/03;19/04
12332	21	18/03	13286	29	16/04	14205	7	38/03**	14815	22	43/03
12333	33	44*,49/03;17/04	13287	11	20/04	14206	20	43/03**	14816	24	17/04*
12334	66	30*,34,36/03;20/04	13288	40	29,42,44,45/03;20/04	14208	28	38/03**	14820	20	15/04*
12335	40	47/03*	13290	35	39*,42,44,49/03;20/04	14209		N38/03*;N15/04	14824	26	5*,19/04
12337	22	18/03	13292	36	16,29,42,44,49/03;20/04	14211		N40/03*	14826	27	49/03;8,20/04
12338	9	21/03*;19/04	13293	33	27/03	14212		N38/03*;N11,N15/04	14829	6	15/04*
12339	44	50/03*	13296	25	27/03	14213		N39/03*;N5/04	14830	30	31*,34,47/03;15,20/04
12341	26	36/03*	13301	20	23,42,45/03	14214		N39/03*	14832	34	49,51/03
12343	18	21,27/03	13302	21	32,42,45,52/03;8/04	14215		N39/03*	14833	26	18*,19/04
12345	10	21/03	13305	28	36,44/03;8/04	14216		N39*,N44/03;N5,N15/04	14835	31	7/04
12347	29	27,29,35/03	13307	10	23,28,44/03;8/04	14217		N43/03*	14836	27	10/04
12348	33	27,29,34/03	13309	28	32,52/03;15/04	14218		N39/03*;N6/04	14837	27	5/04
12350	58	17/04*	13313	19	36/03	14219		N40/03*;N6,N19/04	14839	36	43,49,51/03;5,8/04
12352	30	46/03*	13316	22	28/03*	14220		N39/03*	14841	28	14/04*
12353	18	8/04*	13318	18	21/03	14222	16	40/03**	14842	13	46*,51/03;10/04
12354	40	38/03*;2,17/04	13321	9	20/03*	14223	18	38/03**	14843	23	18/04*
12363	39	23,27,32,36/03	13324	14	5/04*	14224		N39/03*	14844	32	18/04*
12364	34	20*,23,25,27,32,36,39/03	13325	14	29/03;7/04	14225	17	39/03**	14845	27	14/04*
12365	26	23/03	13326	12	7/04	14226	32	39/03**	14846	12	16/04*
12366	27	20,27/03	13394	3	21,42/03	14227	28	39/03**	14847	30	43,47/03
12368	26	24,25/03	13396	4	19,21/03	14228	11	39/03**	14848	56	17,21,22/03;15,20/04
12369	25	32,35,36,43/03	14002	57	32,34,36,37,42,49/03; 15/04	14229		N39/03*;N5/04	14849	52	2/04*
12371	23	27*,52/03;19/04	14003	6	29,39,48/03;6,16/04	14241	23	39/03**	14850	52	45*,21/03;2,10,15,21/04
12372	32	8*,17,20/04	14007		N38/03*;N14/04	14242	13	40/03**	14853	14	26/03*,10,15,21/04
12373	14	17/04	14008	76	38/03**	14243	8	39/03**	14854	13	17/03;15/04
12378	14	23/03	14010	5	26,32/03;14/04	14244	5	39/03**	14855	13	18/04*
12401	7	33,41/03	14014	82	1/04	14245	4	39/03**	14864	26	1,8/04
12402	8	34,41/03	14024	5	22,36,47/03	14246	6	39/03**	14867	26	39/03*
13000		N21,N26,N29/03	14040	65	34,49/03	14247		N39/03*;N5,N6/04	14869	26	8/04
13003	47	36*,39,44,45,48,52/03;6, 16/04	14041	12	34,36,42/03	14248		N40/03*	14871	2	34/03
13006	31	36*,39,44,45,48,52/03;6, 16/04	14042	3	34,42/03	14249		N39/03*;N5/04	14880	31	15/04*
13009	30	18,23,36,39,44,45,48/03; 6,16/04	14043	7	21,26,49/03	14250		N40/03*	14881	31	8/04
13009	30	18,23,36,39,44,45,48/03; 6,16/04	14044	44	47,49/03;1/04	14251		N40/03*	14883	43	15*,19/04
13009	30	18,23,36,39,44,45,48/03; 6,16/04	14046	2	47,49/03;9/04	14252		N40/03*;N14/04	14886	11	41/03*
13009	30	18,23,36,39,44,45,48/03; 6,16/04	14062	17	32,36/03;1,5,9/04	14253		N40/03*;N9/04	14886	19	49/03;10/04

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14910	23	17/03*	16206	7	46/03;5/04	16713	2	12/04	17485	4	41/03
14911	20	10/04	16220	5	36/03;15/04	16723	15	6/12/04	17513		N15/03;N9,N12/04
14912	17	31/03*	16240	10	15/04*	16741	10	16/04*	17515	7	15,16,36,43/03;12/04
14913	18	31/03*;8,10,15,20/04	16300	8	6/9/04	16760	10	28/03;12/04	17517	8	15,16,34/03
14915	25	28/03*	16305	9	1/04	16761	16	28/03	17518	7	16,18,20,41,47/03;10, 17/04
14916	10	17/03;1,19/04	16315	10	1/04	16762	9	12,14/04	17519	13	16/03
14918	26	17/03;1,19/04	16322	7	46/03;1/04	17003	4	24,35,36/03;6/04	17520	2	N16,N34/03
14919	27	1,7/04	16323	9	3/04*	17005	10	24,34,35,43/03;3,6/04	17521		N15/03
14922	19	5/04	16338	4	17/04*	17008	12	36/03	17522		N15/03
14924	27	49/03;2/04	16343	7	1/04	17300	30	21,39/03	17523		N19/04*
14926	10	32*,47/03;7,8,10,20/04	16363	12	10/04	17302	18	49/03	17524		N15,N49/03
14927	24	47/03;7,8/04	16381	8	25/03	17315	23	16,21,25/03	17525		N15,N43/03
14928	21	7,10,20/04	16382	10	6/04	17316	20	25/03	17526		N19/04*
14929	24	7/04	16420	10	46/03*	17317	20	18/04*	17528		N19/04*
14930	25	15/04*	16423	2	47/03	17318	5	39/03	17543	17	43/03;14/04
14932	23	26/03*;1,5,19/04	16431	7	50/03*	17320	16	14/04*	17545	13	43/03;12,14/04
14933	24	1/04	16432	11	3/04*	17323	13	39/03;5/04	17546	22	24,34,35,43/03;14/04
14934	27	17*,26/03;1/04	16433	8	14/04*	17325	7	29/03	17548	28	16,43/03
14935	21	1,10/04	16442	7	41/03*	17327	21	46/03*	17549	6	15/03;3/04
14937	24	17/03;10/04	16463	7	3/04*	17328	7	10/04*	17550	4	43/03;3,6/04
14938	23	1,7/04	16474	8	18/04*	17330	8	10*,14/04	18000	8	21,36,44/03;11,21/04
14942	25	1/04	16477	7	18/04*	17331	7	14/04	18002	6	N21,N36,N44/03;N11, N21/04
14961	12	3/04*	16478	10	5/04*	17333	8	3*,14/04	18003	19	22*,41,43/03;3,6/04
14962	20	16/04*	16480	10	34,50/03	17335	6	14/04	18005	4	N21,N26,N40/03;N4, N10,N21/04
14964	21	18/04*	16484	7	14/04*	17336	8	14,17/04	18006	3	N21/04
14965	21	2/04	16487	6	20/04*	17337	8	14/04	18007	31	18,22,24,26,35,41/03;4,5, 6,7,16/04
14966	26	15/04*	16490	8	6/04*	17338	13	14/04	18008	7	N18,N22,N24,N26,N35, N37,N41/03;N4,N5,N6, N7,N16/04
14970	25	1/04	16500	9	33/03	17339	11	14/04	18009	2	N26,N40/03;N10/04
14972	25	1/04	16501	7	16/04*	17341	8	14/04	18010	20	26,33,40,47/03;4,5,7, 16/04
14973	27	15/03*	16511	7	17/04*	17360	33	31*,36/03;13,14/04	18020	37	47/03*;1,4,7,11,19,21/04
14974	24	5/04	16514	4	14/04*	17362	10	14/04	18022	34	3*,4,7,11,13,19,21/04
14975	33	43,49/03;10/04	16517	6	16/04*	17363	13	14/04	18400	44	41*,43,47,49/03;3,8,10, 17/04
14982	9	16/04*	16520	21	31,33/03	17365	12	14/04	18401	12	34/03
14983	9	46/03*	16522	6	16/04*	17367	11	14/04	18403	21	20/03
14985	9	41/03*	16528	16	33/03;6/04	17368	6	14/04	18405	12	16/03
14986	9	46/03*	16529	14	33/03;6/04	17370	10	3/04*	18406	5	16/03
14987	9	3/04*	16530	6	33/03;6/04	17372	11	48/03*	18409	8	41/03
14988	10	41/03*	16535	12	21,31/03	17375	20	50/03;16/04	18411		N16,N20/03
14990	4	6/04*	16547	9	18/04*	17376	6	16/04	18412	10	20/03
14991	10	8/04*	16549	15	41/03*	17377	1	16/04	18413	15	20,22/03
14993	12	16/04*	16553	3	17/03	17378	14	17/04*	18414	9	20/03;3/04
14994	11	21/04*	16561	1	29,35,44/03	17379	1	16/04	18415	8	22,32,39,47,50/03;3,9, 10/04
15017	4	10/04	16566	10	29,44,49/03	17381	10	16/04	18416	6	22,46/03;17/04
15043	3	34,47/03	16575	1	1/04	17382	15	20*,36/03;13,16/04	18418	6	15/03
15044	3	34,47/03;1/04	16576	4	47/03*	17383	1	16/04	18419	11	46/03;1,9/04
15046	4	47/03;14/04	16580	12	9*,18/04	17384	8	15/04*	18420	1	22,47,49,50/03
15061	3	50/03	16590	10	1/04	17385	14	13,16,18/04	18421	46	50/03*;8,9,17/04
15064	1	50/03	16591	9	16/04*	17386	3	16,18/04	18423	34	12*,13,17/04
15066	5	32,47/03	16592	9	16/03;1,18/04	17387	13	16/04	18424	25	45/03
15067	2	47,49/03	16593	11	1/04	17400	16	44/03;14,16/04	18427	22	18/04*
15069	4	47/03	16594	13	1/04	17401	11	18/04*	18429	9	22/03
15070	3	49/03	16595	14	1/04	17402	10	16/04	18430	8	5*,17/04
15074	1	6/04	16596	12	1/04	17403	13	16/04	18431	6	1/04
15080	1	47/03	16597	8	1/04	17404	12	16/04	18433	5	22,32,36/03;9,17/04
15083	6	14/04	16598	9	1/04	17405	14	25,46/03;16,18/04	18434	5	2*,13,17/04
15160	5	50/03	16599	6	1/04	17406	7	17/04*	18440	27	3*,8,21/04
15163	2	50/03	16601	10	1/04	17407	15	10/04*	18441	43	39*,45,47,51/03;6,8, 17/04
15300		N10/04	16603	8	48/03*	17408	7	16/04			
15313	1	15/03	16604	11	1/04	17409	10	44/03;16/04	18443	16	16/04*
15444		N19/04*	16605	8	1/04	17412	2	49/03	18444	15	34/03;1/04
15562		N16/03	16606	11	21/03;1/04	17413	2	44/03	18445	30	13*,21/04
15563		N20/04*	16608	4	46/03*	17420	26	20,36/03;13/04	18446	16	47*,51/03;8/04
15569		N23/03	16640	24	21/03;1,17/04	17422	8	13/04	18447	26	18,47/03
15570		N23/03	16645	18	1/04	17423	13	13/04	18448	33	1*,8,13,17,21/04
15690		N35/03	16646	12	1/04	17426	13	16,20/03;19/04	18449	18	50*,51/03;6/04
15946		N47/03	16647	3	1/04	17427	7	21,36/03	18450	18	18/04*
16003	16	36,48/03	16648	4	1/04	17428	7	36,43/03;13/04	18451	19	21/04
16004	11	17,48/03	16660	29	17/04*	17429	2	N13/04	18452	16	34,38/03
16005	9	36,48/03	16661	6	17/04	17430	10	36,03/13/04	18453	24	25,36,38,42/03;6/04
16006	33	32,35,36/03;1,15,21/04	16663	7	17/04*	17431	11	21/04*	18455	2	N15,N34,N38/03
16011	35	29,31,32,35,44,50/03;	16665	8	15/04*	17433	11	36,43/03;13/04	18456	19	21/04
	1/04		16680	10	32,37/03;15/04	17435	16	40,49/03;13/04	18457	15	19*,28,34,38/03;13/04
16012	21	34,50/03	16682	16	17/04*	17436	6	20/319/04	18458	5	N15,N28,N34,N38/03;
16013	29	10/04*	16683	10	17/04*	17437	8	21/03	18459	113	N13/04
16016	20	9/04*	16700	28	40*,43,50/03;11,12,	17438	12	15,21,36/03	18460	11	43/03;3,17/04
16041	8	48/03				17441	7	15/03	18461	23	24*,30/03
16061	8	17/03	16701	19	37/03*,12/04	17445	2	36/03	18462	18464	18/04*
16067	7	1/04	16702	11	37/03*,12/04	17446	N19/04*		18465	36	18/04*
16081	6	1/04	16704	13	12/04	17447	4	12/04	18466	9	36/03*,8/04
16082	6	1/04	16705	19	16,43/03;12/04	17448	4	36,41/03	18467	11	43/03;3,17/04
16083	6	9/04*	16706	10	12/04	17449	4	36/03	18468	23	24*,30/03
16085	6	15/04*	16707	10	16,20/03;5,12,17/04	17450	8	18/04*	18469	18471	18/04*
16086	7	18/04*	16708	25	16,20,50/03;12/04	17451	N47/03*		18471	9	36/03*,8/04
16087	7	5/04*	16709	22	11,12/04	17452	N41/03				
16102	5	9/04*	16710	16	10,12,14/04	17453	N41/03				
16124	6	3/04*	16711	2	12/04	17454	N41/03				
16200	13	36/03	16712	1	16/03;12/04	17455	3	41/03			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18473	7	18,19,34,38,45,47,51/03; 6,8/04	18751	42	16,21,26,28,31,39,46,49, 50/03;5,7,19/04	21584	2	41/03	22370	2	15,19,26,30,33,34/03; 2/04
18474	8	5*,8/04	18754	17	39*,43/03	21601	4	31/03	22371	5	30,32,33,52/03;2,4/04
18475	1	35/03	18756	8	14/04*	21602	1	18/04	22373	1	N24,N30,N32,N33, N34/03;N3/04
18476	5	18/04*	18757	10	41/03;5/04	21603	9	31,36/03;11/04	22375		N15,N26,N37/03
18477	5	6/04	18758	6	16,33,49/03;4,11,13/04	21604	25	4/04	22377	1	N2,N4/04
18480	29	43/03;3,6/04	18760	6	N25,N35,N36,N44/03; N1,N7,N11,N19,N21/04	22004	38	16,29/03;2,7/04	22379	1	N30,N32/03
18484	11	18/04*	18761	2	N1,N16/04	22008	35	17,29,32,38,47/03;7/04	22395	2	15,19,22,26,30/03
18485	15	29/03;17/04	18762	15	1,16/04	22012	31	29,32/03	22401	4	N23*,N30/03
18500	28	22,28/03;14/04	18763	10	18/04*	22032	20	19,40/03	22407	1	N18,N30/03
18502	84	21,28,29,42,47,52/03; 21/04	18765	15	27,46/03;7,14,16,19, 20/04	22036	28	51/03;2,21/04	22408	1	N21/03
18504	65	19*,35/03;3,21/04	18766	7	27,36/03;7,19/04	22050	4	26/03	22409	4	N17,N22/03
18520	24	22/03;14/04	18768	4	N27,N36,N38/03;N7, N19/04	22051	18	5,16/04	22410	32	19,23,40/03
18521	70	5*,13,14,19,20/04	18769	2	N1/04	22052	6	25,34,43,47/03	22412	2	2,4/04
18523	54	5*,8,13,19,20/04	18770	47	21*,48/03	22053	4	N20/04**	22413		N22/03
18524	33	24,29,47,52/03;8,13,19, 20/04	18773	39	40*,41/03;4,14/04	22054	1	20/04*	22415	8	2,4/04
18525	33	29,52/03;6,8,13,19,20/04	18774	10	16,49/03;4,11,13,14, 19/04	22082	4	25,38/03;20/04	22417	1	N25/03;N1/04
18526	56	15*,17,19,20/04	18775	2	N1,N16/04	22084	4	35,37/03;15/04	22418	2	19/03
18527	21	48/03	19002	9	N16,N23,N29,N46/03; N6,N8,N12,N16/04	22090	2	17/03	22420	2	15,19,30,40/03
18528	10	18/03	19004	37	18/04*	22101	19	37/03	22421	4	N23,N25,N26,N27/03; N4/04
18531	21	15*,19,20/04	19007	17	21/04*	22102	19	17/03	22423	3	N25,N27/03
18532	20	52/03	19008	4	16,23,29,46/03;10,12,16, 19/04	22109	3	17/03	22424		N27/03
18539	9	21/04*	19009	4	16,23,29,46/03;10,12,16, 19/04	22111	4	17/03	22427	1	N23,N25,N26,N40/03; N9/04
18543	2	15/04*	19010	18	18*,19/04	22112	3	17,37/03;5,10/04	22429		N17,N19,N27/03
18545	15	50/03*	19013	17	12/04*	22113	8	17/03;5,10/04	22430	6	19/03
18546	10	19/04*	19016	10	3*,19/04	22114	5	17,33,37/03;5/04	22433	3	35/03
18551	8	18/04*	19019	9	28/03*	22117	3	37/03;5/04	22434	2	35/03
18556	25	17/04*	19302	16	16,23/03;6,8,12/04	22120	3	29,32/03;7/04	22440	1	19/03
18558	37	48/03;1/04	19322	8	14/04*	22121	9	29,32,47,51/03;18/04	22461	1	21/04
18561	12	12/04*	19324	22	23/03;13/04	22124	2	29,32/03	22471	31	2,6,8/04
18580	21	51/03;17/04	19327	10	23,43/03	22130	2	17,29,32,38/03;2,7/04	22481	35	19/03;2/04
18581	17	36,50,51/03;14/04	19329	8	10/04*	22138	3	11/04*	22482	16	23/03;9/04
18583	38	43/03	19330	10	14/04*	22140	2	25,47/03;7/04	22492	3	34/03
18584	47	30,48,52/03;1,13/04	19331	7	23,43/03	22142	2	25,40,47/03;7/04	22521	3	17,34/03
18587	68	21,27,36,52/03;1,8,14,19, 20/04	19333	1	N30,N47/03;N8,N10/04	22143	4	26*,29/03;11/04	22523	3	17,34/03
18588	37	22*,36/03	19334	26	29,30,36,47/03;8,10, 13/04	22145	2	N25/03	22529	3	17,35/03
18589	15	44/03	19335	12	27/03;6/04	22160	2	25/03;7/04	22531	2	17,35/03
18600	14	44,47/03;5,16/04	19357	22	30,36,47,50/03;10,13/04	22172	8	29/03;11/04	23000	5	51/03
18601	13	1/04	19359	11	8/04*	22173	36	17,29/03;11,17,21/04	23020	4	22/03
18602	12	26*,47/03;1,14/04	19361	8	5/04*	22180	2	32/03	23030	6	21,22,37,42/03;14/04
18603	16	5,16/04	19362	12	10,13,14/04	22181	17	10*,17/04	23121	7	17,20/03;19/04
18620	23	4,7/04	19366	36	50/03;10,13,14/04	22182	7	10*,11/04	23123	3	19/04
18622	52	21,25,27,35/03	19367	37	50/3	22183	4	52/03*;21/04	23124	3	N17,N20/03;N19/04
18623	11	4,7/04	19381	8	26/03;7,12,16/04	22190	2	29/03	23125	4	17/03;19/04
18640	24	26,38,42/03;4/04	19382	15	26/03	22205	2	18/03	23131	7	22/03
18643	17	26*,33,41,43/03;19/04	19385	8	3*,16/04	22221	20	31,34/03;1/04	23141	7	22,37/03
18645	24	33,38/03;5/04	19387	9	N46/03;N12/04	22222	1	31/03;1/04	23142	10	37,47/03
18649	63	48*,50/03;2,5,11,16,19, 20,21/04	19441	7	28/03*	22223	29	18,25,37/03	23145	3	37,51/03;14/04
18650	52	47/03*;11,19,20,21/04	19442	5	26/03	22224	1	28/03	23153	8	49/03
18651	42	15*,48/03;16/04	19480	7	6/04	22225	18	2,21/04	24004	36	41,42,46/03
18652	32	36*,40,43,46,48,49/03;5, 11,16,19,20/04	21005	5	15/04	22259	4	20,24/03;2/04	24016	53	13/04
18653	9	21,43,50/03;16,20/04	21008	62	36/03	22262	3	13/04	24024	46	18,25/03
18654	42	16,35,46,48/03;5/04	21033	46	16/03;1/04	22263	1	26,37/03;4/04	24050	11	20,31,32,33,51,52/03;6, 14/04
18655	58	16/03	21036	7	16/03;1/04	22264	2	18,20,24,26,37,41/03	24052	15	19,21,30,42,44,50/03
18656	53	19*,21,33,40,43,48/03; 11/04	21125	13	36/03	22275	3	18,26/03/2/04	24053	16	19/03
18657	18	21,40/03	21140	1	27,36/03;7,19/04	22281	9	18/03;4,13/04	24055	6	19,21,42,50,51,52/03; 6/04
18658	30	17/04*	21160	1	15/04	22282	17	4,14/04	24057	4	20,30,33,42,52/03;4,6/04
18659	14	16,21,43,48/03	21180	1	15/04	22283	3	N14/04**	24058	2	19,22,28,29,30,42,44/03; 7,9/04
18660	2	29*,43,49/03;21/04	21384	4	11/04*	22284	7	N5/04**	24060	2	17,32/03
18661	27	15*,16,43,49/03;13,17, 21/04	21441	27	15/04	22285	1	14/04*	24080	5	17/03
18662	20	43,44/03	21482	1	36,46/03	22286	1	5*,13/04	24091	6	21,46/03
18663	5	43/03;17/04	21483	3	16/03	22294	15	16,21/04	24100	5	46/03
18666	1	21,33,48/03	21510	1	16/03	22305	2	18,24,30,34/03	24103	3	10/04
18680	30	33,35,38,40/03;19/04	21520	1	29/03	22311	19	13/04	24110	3	35/03
18682	14	10/04*	21521	14	29/03	22312	2	30/03;9/04	24133	6	31/03
18685	32	36*,46/03;17,19/04	21525	19	38/03	22314	1	40/03	24140	18	41,42,46/03;6,7,11/04
18700	22	40/03*;13,21/04	21530	1	52/03	22322	11	33/03**	24142	43	7,11/04
18703	25	40/03*;7,13/04	21535	4	19,52/03	22331	2	N19,N24/03;N1,N2/04	24149	1	52/03
18720	31	25/03;11,21/04	21538	4	11/04*	22335	4	21,29,52/03;2/04	24150	27	41,47/03;6,7/04
18721	11	39/03;21/04	21541	27	15/04	22341	9	21,29/03	24151	4	41/03,6,7/04
18724	1	22*,25/03;15/04	21478	3	16/03	22343	1	N21,N41,N52/03;N2/04	24152	2	41,47/03;6/04
18725	27	32/03*;19,21/04	21482	1	36,46/03	22344	6	N23*,N52/03	24153	6	39,47/03;6/04
18740	40	46*,49/03;1,5,7,14,19/04	21510	1	16/03	22345	11	24/03	24155	6	46,49/03
18741	18	N27,N38/03;N1,N7,N14, N19/04	21520	1	29/03	22347	6	N23/03*	24160	21	47/03;10,15/04
18744	30	35/03	21521	14	29/03	22351	1	N35,N41,N52/03;N2/04	24161	11	28,32,39,40,47,52/03; 10/04
18746	35	11*,19/04	21525	19	38/03	22352	6	19,24,35,52/03;1,2/04	24162	9	28,32,39,40,42,47,52/03; 10/04
18747	38	16,21,26,28,31,39,41,49, 50/03;5,7/04	21530	13	9/04	22360	2	19,52/03/2/04	24164	6	39,41,47/03
18749	38	16,21,26,28,31,39,41,49, 50/03;5,7/04	21580	40	52/03	22361	2	N30,N32,N33,N34, N52/03;N2/04	24170	14	35/03;9/04
			21581	5	41/03				24171	19	37,52/03;16/04
			21582	3	16/04				24180	15	40/03

SECTION I

NM 21/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24200	14	9,13/04	25640	40	15,25,31,34,39,52/03	28310	2	7/04	37115	2	25,31,32,39/03;12/04
24201	5	49/03;9/04	25641	27	15/04*	29002	9	18,29/03	37120	2	21,23,24,25,26,27,30,32, 39,42,43,44,45/03;12, 20/04
24202	6	31,35,46/03;21/04	25644	13	20/03*	29012	8	7/04	37121	11	25/03;12/04
24203	36	49/03	25645	17	15/04	29015	5	16/03;7/04	37122	12	19,31,44,45/03;12/04
24210	14	42/03	25647	10	16/04	29040	3	39,48/03;7,14/04	37123	9	20/03
24220	14	39/03	25649	19	14/03*	29101	6	7,8,13/04	37125	15	20/03
24222	3	39/03	25650	33	25,30,31,39/03;15,21/04	29105	5	49,50/03;8,11/04	37127	11	20/03
24223	33	39/03	25653	13	14,21/04	29107	2	29,36/03;21/04	37129	6	20,23,24,30,42,45/03;7, 20/04
24224	1	15/04*	25654	13	14,21/04	29121	5	8,12,13/04	37134	5	45/03
24230	20	52/03;9/04	25655	11	14,21/04	29124	1	21/04	37136	6	30/03
24233	15	9/04	25659	9	20/03*	29127	4	29,39,42/03;21/04	37137	6	30/03
24234	3	35/03	25663	27	17,30,39/03	29141	3	29,39/03	37140	33	16,24,25,30,32,42,43,44, 45/03;12/04
24240	5	39,46,52/03	25664	15	17,30,39/03	35002	N19/04*		37141	29	17,19,24,27,31,45/03
24250	5	39/03;13/04	25666	17	17/03;11/04	35003	N19/04*		37147	15	16,17,19,25/03;12/04
24251	23	39/03	25667	20	15/03	35004	N19/04*		37148	13	27,51/03;12/04
24252	5	39/03	25668	18	34/03	35008	21	25,27/03	37150	8	19,26,27,32,33,37, 41,43,46/03;7,12/04
24270	3	17,29/03	25670	42	2*,14/04	35009	19	49/03	37161	14	19,24,41,43,46/03
24271	14	17,29/03	25671	18	21/03*,21/04	35011	2	25/03	37162	12	21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03;
24274	2	17,29/03	25673	15	43/03	35032	16	12/04			7/04
24293	6	37,42,46/03	25675	9	20/03*	35036	21	15,27,43/03;12,13/04	37163	19	32,43/03;11,12/04
24294	22	37,46/03	25677	20	32*,39,52/03	35040	18	21,49/03;12,17/04	37164	4	23,26,27,30,32,35,37,43, 46/03;7/04
24320	4	17/03	25679	10	20/03*,11,15/04	35042	9	49/03;8,17/04	37165	2	15,21,23,26,27,28,30,32, 34,35,37,39,43,45,50,
24322	6	17/03	25681	16	28*,34,39/03;15/04	35060	14	49/03			52/03;1,5,7,8,11,15/04
24350	2	18/03	25683	18	32*,34,39,52/03	35080	16	49/03	37166	2	19,21,26,27,30,32,33,34, 35,37,39,40,41,43,45,46,
24355	2	25,37/03	25685	9	22*,52/03	35081	15	22,27/03			51/03;7,11,12,21/04
24360	1	25/03	25687	12	30/03*	35082	7	22,27/03	37170	11	19,46/03
24370	1	48/03;1/04	25700	3	15/03	35083	8	20/03	37175	2	27,30,45,46,51/03
24375	2	38/03	25848	25	15/03;11/04	35086	5	22/03	37180	20	27,31,35,49/03;12/04
24376	1	38/03	26050	1	26,47/03	35100	14	30/03	37182	14	24,27/03
24380	2	48/03;1/04	26060	1	42/03	35101	6	16/04	37183	9	24/03
24404	8	11/04	26068	11	18,50/03	35120	13	30/03;16/04	37200	15	28,30,35/03;15/04
24430	5	31,52/03	26081	8	16,42,43/03;16/04	35155	3	25/03	37202	2	22,27/03
24431	14	31,52/03	26083	14	19/04	35200	7	25/03	37205	2	22,24,30,40/03;15/04
24433	3	52/03	26100	4	31/03	35301	6	17/03	37221	13	15,21,23,29,30,32,50,51, 52/03;5,8,11,16,18,19/04
24434	4	52/03	26122	30	22/03*	35302	7	17/03	37222	13	21,22,30,46,52/03;16/04
24450	3	26,47/03;6/04	26125	3	41/03	35303	7	17/03	37223	14	21,26,27,30,32,34,35,39, 43/03;7,11,16,21/04
24453	5	26/03	26127	21	11/04	35363	1	12/04	37224	11	22,23,30,37/03;16/04
24454	5	26/03	26129	11	41/03	35365	1	12/04	37226	17	17,21,23,51/03
24460	4	15,29,32,47/03	26130	20	11/04	36120	9	16,23,27/03;17/04	37228	14	23,27,29,30/03
24461	4	16,38,47/03	26147	31	19/04	36123	25	16/03	37230	14	28/03
24462	5	16,29/03	26186	17	14/04	36124	18	16/03	37231	18	50,52/03;8,19,21/04
24463	6	15,25,26,38/03;13/04	26188	11	15/04	36125	7	30/03	37232	12	29,31/03
24465	6	38/03	26218	2	31/03	36140	12	27/03;13/04	37234	13	31/03
24470	4	13/04	26219	5	31/03	36143	4	30,43/03	37235	11	17/03;5/04
24480	1	24,27,42,48/03;21/04	26220	6	11/04	36161	10	18/03;21/04	37238	6	17,21,30,33,37,40,41, 45/03;7/04
24482	2	31/03	26229	11	31/03;9/04	36162	10	18/03	37241	17	26,27,30,32,33,35,37,39, 43,45/03;7/04
24484	3	31/03	26230	12	31/03;9/04	36163	13	18/03	37242	10	26,30,32,35,39,43/03;
24490	3	25,27/03	26245	16	15/03	36164	7	15/03			11/04
24491	3	27/03	26282	6	22,23,34/03	36165	6	27,30,43/03;21/04	37243	7	27,30,32,37/03
24500	1	7/04*	26290	1	21/03**	36180	23	27,44/03;13/04	37244	11	23,26,27,28,30,32,33,35, 37,39,43,45,46/03;7, 20/04
24501	3	27/03	26295	1	21*,22,34/03	36181	18	13/04	37246	14	21,24,27,30,32,33,35,39, 40,43,45,46/03;11,11/04
24502	6	27,34,47/03	26300	7	21/03*	36182	6	27/03;13/04	37248	18	21,23,24,26,27,30,32,33,35, 40,41,43,45/03;7,12, 20/04
24504	7	42,48/03;21/04	26308	5	21*,22,23,34/03	36183	13	18/03	37250	2	15,18,21,36/03
24508	3	22/03*	26309	27	11/04*	36184	12	27/03;13/04	37252	4	22/03
24509	2	15,25,34,42/03;12,21/04	26310	1	N48/03*	36185	12	27/03;13/04	37258	4	22/03
24510	2	42/03;21/04	26312	2	21/03	36186	4	30,43/03	37261	10	20,22/03
24511	2	24,42,48/03	26316	3	21/03	36187	10	18/03;21/04	37264	3	15,22/03
24512	3	24,25,38,42/03	26320	5	22,23,25,31,40/03;19/04	36188	10	18/03	37265	3	17,32/03
24513	18	38,42/03	26327	2	N17/03	36189	13	18/03	37281	15	15,22/03
24517	2	25,40,42/03	27005	4	22,23,34/03;19/04	36190	23	15,19,23,27,28,29,30,43, 50,51/03;5,8,12,15/04	37302	2	15,17,21,24,36,38,44/03;
25001	7	15,52/03	27042	21	41,42/03;10/04	36191	26	24,25,27,31,33,34,36,38, 41,43/03;3,4,10,11,15/04	37320	16	15,17,21,24,36,38,44/03;
25017	5	15,25,31,34,39,52/03; 15/04	27060	2	22,23,34/03	36192	2	25,31,38,42,43,45/03;3,4, 9,15/04	37325	8	15,18/03
25018	9	15,25,31,34,39,52/03	27080	6	19/04	36193	2	33/03;15,17/04	37326	2	15,18,21,36/03
25400	2	20/04*	27082	6	19/04	36194	2	33,41/03;10,15,P18/04	37328	2	15,21,24/03
25480	1	52/03;8/04	27083	39	28/03;4/04	36195	17	43,46/03;12/04	37342	3	15,21,45/03;12/04
25481	25	8/04	27100	2	21/03	36196	9	17/03;12/04	37343	10	12/04
25483	20	8/04	27102	11	28/03	36197	9	17/03;12/04	37344	11	21,38,45/03;13/04
25485	45	36/03;10/04	27120	4	16/04	36198	3	18,43,46/03;12/04	37346	15	15,17,21,24,31,36,38,39, 43,44,45/03;9,11,12, 13/04
25487	2	36/03;10/04	27122	5	19/04	36199	18	43,46/03;12/04			
25524	43	20,24,26,32/03	27160	2	35/03	36200	18	9/04			
25525	17	26/03	27206	18	9/04	36201	23	15,19,23,27,28,29,30,43, 50,51/03;5,8,12,15/04			
25526	2	24,32/03	28004	1	22/03	36202	2	25,31,38,42,43,45/03;3,4, 9,15/04			
25527	31	24,32/03	28050	3	26,42,47/03	36203	2	33/03;15,17/04			
25550	2	21/03	28084	4	17/03**	36204	2	33,41/03;10,15,P18/04			
25563	50	18,21/03	28154	2	38/03	36205	9	17/03;12/04			
25566	27	18,30/03	28165	20	20/04*	36206	3	18,43,46/03;12/04			
25567	16	21/03	28167	4	16/04	36207	21	43/03			
25570	3	16/03	28168	22	16/04	36208	3	18,43,46/03;12/04			
25575	4	35,39/03;14,15,18/04	28190	2	18/03;16/04	36209	3	18,43,46/03;12/04			
25600	47	25,27/03;1/04	28196	4	18/03;16/04	36210	3	18,43/03;12/04			
25607	4	48/03	28197	4	18/03;16/04	36211	11	20,25,31,32,39/03;12/04			
25608	21</										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37362	6	17,22,32,33,38,39/03;12,14/04	43126	4	5,7,20/04	43386	2	47/03	44186	2	15,16,25,27,29,49/03;1,3,11,12,16,21/04
37363	8	17,32/03	43127	5	20/03;1,3/04	44000	16	44/03;19/04	44187	2	25,27,39,44,48,50,52/03;2,6/04
37380	2	17,21,38,39,41,43/03;7,11,12,13,19,21/04	43140	4	35,38/03;1,5/04	44001	2	P20,23,26,50/03;8,9,11,18,19/04	44192	1	18,23,39,43,44,48/03;1,2,5,8,9,11,14,15/04
37400	10	20,31,34,36,41,43,46,47/03;1,7,9,11,19,21/04	43142	4	1/04	44015	8	24,26,40,44,47,50/03;1,8,9,11,18,19,20/04	44193	1	15,18,43,48,50/03;5,6,9,12,14,15/04
37401	9	16,22,31,36,43,44,47/03;1/04	43144	4	43/03;20,21/04	44030	7	19,48,50/03;13,20/04	44200	9	22,27,37,43,47,50/03;12,20,21/04
37402	7	1/04	43145	4	20/04	44036	5	16,17,20,23,28,30,32,52/03;1,6/04	44203	1	15,25,52/03;2,8,12,15/04
37403	23	41/03	43146	2	34,35,44/03	44037	5	16,22,52/03	44204	1	27,50/03;9,20/04
37420	1	41/03;9/04	43147	3	35,38/03	44038	5	46/03;18/04	44205	2	15,19,22,26,27,29,31,39,43/03;11,20/04
37421	8	21,41/03	43150	2	N34,N35,N38,N41/03;N20,N21/04	44040	23	16,17,20,22,23,24,28,30,32,44,52/03;1,5,6,16,19/04	44206	1	16,17,19,24,28,40,46/03;6,11/04
37423	5	21,41/03	43160	6	34,35,36,38,41/03;20,21/04	44041	7	16,20,23,28,52/03;3,8,9,13,20/04	44207	1	17,19,23,28,40,41,45,46,50/03;9,21/04
37443	2	38,45/03;7/04	43161	2	35,41/03	44042	7	17,19,20,25,27,28,29,32/03;9,12,13,15,20/04	44220	5	16,21,40,45,46,48/03;3,11,20/04
37445	1	34,38/03	43162	3	41/03	44043	8	16,52/03;9,16/04	44221	1	19,21,52/03;3,11/04
37446	2	34/03	43163	3	41/03	44044	6	16,44/03;9,16/04	44223	1	21,24,48/03;11,12,15/04
37461	9	20,25,36,50/03;3,15/04	43164	3	34/03;20,21/04	44045	6	22,44/03;5,16/04	44224	1	20,21,24,42/03;3,19/04
37463	6	43/03;1,2,3,4/04	43165	2	21/04	44046	10	22,24/03;1,6,19/04	44240	8	15,16,19,21,25,39/03;3,20/04
37481	7	30/03;17,20,21/04	43166	2	43/03	44047	22	22,24,30,31,32,40,48/03;16/04	44243	2	17/04
37501	3	20,33/03	43167	5	36,42,44/03;20,21/04	44048	11	18,22,25,27,31,40,48/03;9,13,16,21/04	44260	7	21,48,52/03;5,13,16,17/04
37505	2	33,41/03;15/04	43168	2	36,42/03	44049	9	22,24,30,31,40,48,50/03;1,2,9,12,18/04	44280	9	15,19,22,34,44,47,50/03;11/04
37506	4	20,33,48/03;11/04	43180	5	44/03	44050	21	20,31,32/03;12/04	44281	2	15,19,21,22,27,45,49,50/03;11,12,19/04
38320	3	35/03	43181	3	43/03	44051	1	22,25,26,27/03;1,2,9/04	44282	1	17,19,21,26/03;14,20/04
38480	6	48/03	43201	2	N21/04	44057	5	29,30/03	44283	2	21,43,45,49,50/03;13/04
38528	4	N20/03	43204	4	36/03	44061	21	24,32/03;1,6,17/04	44284	2	42,44/03;14/04
38580	8	18/03	43206	3	14/04	44062	8	28,40/03;1,17/04	44285	1	15,40,44,47/03;11,21/04
38585	4	18/03	43240	4	12/04	44063	8	17/03;1/04	44286	1	27,40,47/03;11/04
38607	2	1,14/04	43244	4	12/04	44064	19	22,28/03;1,6,15/04	44310	5	37,50/03;19/04
38610	1	1,13/04	43245	4	12/04	44065	7	16,17/03;6,19/04	44313	1	36,37,39,40/03;11,19,20/04
38641	4	3,13/04	43247	5	44/03	44066	10	31/03;6/04	44319	2	P20,26,27,28/03;2,19/04
38650	1	3,12,13/04	43248	3	44,46,47/03;14/04	44067	22	22,24,30,31,40,48,50/03;21/04	44320	4	15,P20,25,26,37,49,50,51/03;2,12,19,20,21/04
38670	2	1,13/04	43249	2	10/04	44070	7	28/03;21/04	44321	6	44,45/03;19,20,21/04
38682	3	13/04	43252	1	44,46/03;14/04	44071	4	29/03;21/04	44340	11	50,52/03;2,6,7,11,12,18,19,21/04
38683	3	13/04	43260	4	46,47/03;10/04	44072	4	40/03	44341	7	P20,26,52/03;18,19,20/04
38690	2	13/04	43261	5	46/03	44075	4	23,40/03	44342	8	52/03;18/04
41000	2	15/03	43262	5	46/03	44076	3	22,28,30,32/03;14/04	44352	2	15,17,19,49/03;2,7/04
41060	3	52/03	43263	7	37,44,46/03;1,21/04	44081	9	46,48/03;9,14,15,16/04	44360	9	20,27,28,30,31,32,37,39,44,52/03;2,11/04
41100	2	N46,N52/03	43264	2	46/03	44082	11	33/03;17,21/04	44361	6	15,21,26,27,28,35,52/03;4,6,15,17,20/04
42003		N23/03**	43265	2	37,46,47/03	44083	8	24,25,26/03	44365	1	26,27,43,52/03;4,11,13,15/04
42004	1	N23/03*N;N13,N16/04	43266	1	47/03;10/04	44084	1	26/03	44366	1	44,52/03
42036	2	43/03	43280	5	37,40,47/03	44085	2	51/03	44367	2	39/03;13,20/04
42038	2	43/03;16/04	43281	6	27,37,44,46,47/03;1,21/04	44086	16	17,22,23,40/03;9,14,15,21/04	44400	4	15,17,19,23,24,25,27,34,41,49,50,51/03;7,12,16,18,19/04
42040	3	16/04	43283	6	27,37,40,43,47/03;1,20/04	44087	7	28/03;21/04	44410	6	15,21,26,27,28,35,52/03;4,6,15,17,20/04
42046	3	16/04	43285	5	44,49,51/03	44088	11	33/03;17,21/04	44414	2	19,21,22,23,24,27,33,39,40,41,45,48,49/03;1,3,9,14,17,20/04
42052	2	16/04	43287	2	27,37/03;1/04	44089	8	24,25,26/03	44416	2	21,35,39,41,48,49,50/03;1,3,8,9,16,20,21/04
42141	3	6,12/04	43288	4	40,43/03;1,20,21/04	44090	7	22,31,40,41,46,48,49,51/03;6,9,14,15,16,17/04	44417	1	44,52/03
42160	3	38/03;12/04	43289	5	44,49,51/03	44091	8	19,21,23,24,26,31,40,44,47,50/03;9,10,12,17,20/04	44418	4	15,17,19,23,24,25,27,34,41,49,50,51/03;7,12,16,18,19/04
42301	3	38,52/03;15/04	43290	2	27,37/03;1/04	44092	7	15,20,26,31,41,47,48,49/03;5,9,11,13,19/04	44419	7	19,24,41,49/03;6,12,21/04
42560	5	31,38,40/03	43300	5	49,51/03;10/04	44093	8	24,25,26/03	44420	6	17,22,25,27,40,44,49/03;1,3,5,8,9,11/04
42580	5	40/03	43301	4	49/03	44094	1	26/03	44421	2	21,33,36,45/03;14,19,20/04
42600	5	30,40/03	43302	4	10,14,15/04	44095	2	51/03	44422	1	21,34,44,47/03;11,12,13,14/04
42620	5	38/03	43303	4	43/03;14,21/04	44096	11	45,51/03;14,15,16,17/04	44423	1	21,34,45,49,50/03;13/04
42640	6	38,40/03	43304	2	43/03;10,14,15/04	44097	7	28/03;21/04	44424	2	24,25,26,37,49,50/03;13/04
42660	5	38/03	43320	5	49/03;15,17,20,21/04	44098	1	24,26,31,41,47,48,52/03;3,20/04	44425	2	24,25,26,37,49,50/03;13/04
42740	5	25,31,34,40/03	43321	6	15,16,17,21/04	44099	7	24,26,31,41,47,48,52/03;3,20/04	44426	9	20,27,28,30,31,32,37,39,44,52/03;2,11/04
42742	3	30/03;11,13/04	43323	4	27,49/03;15,17,21/04	44100	7	22,31,40,41,46,48,49,51/03;6,9,14,15,16,17/04	44427	2	24,26,27,28,31,32,37,39,44,52/03;2,11/04
42760	5	19,24,25,47,52/03;2,11,13/04	43324	4	27,49/03;15,21/04	44101	7	24,26,27,28,31,32,37,39,44,52/03;2,11/04	44428	1	24,26,27,28,31,32,37,39,44,52/03;2,11/04
42762	3	N25,N30,N47,N52/03;N11,N13,N20/04	43341	7	49/03	44102	7	24,26,31,41,47,48,52/03;3,20/04	44429	2	24,25,26,37,49,50/03;13/04
42765	3	47,50/03;2/04	43342	7	26,49/03	44103	7	24,26,31,41,47,48,52/03;3,20/04	44430	2	24,25,26,37,49,50/03;13/04
43000	4	16/04	43343	3	39/03	44104	7	24,26,31,41,47,48,52/03;3,20/04	44431	2	24,25,26,37,49,50/03;13/04
43030	24	15,17,22,27,28,30,32,46,48/03;1,3,6,8,9,14,15,16,17,19,20/04	43356	2	14/04	44105	2	24,26,31,41,47,48,52/03;3,20/04	44432	6	15,21,26,27,28,35,52/03;4,6,15,17,20/04
43040	6	38,47/03;2,16/04	43362	5	44/03	44106	7	25,26,31,41,47,48,52/03;3,20/04	44433	2	24,25,26,37,49,50/03;13/04
43041	2	16/04	43363	5	17/04	44107	7	25,26,31,41,47,48,52/03;3,20/04	44434	2	24,25,26,37,49,50/03;13/04
43058	3	20/03;16/04	43366	4	44/03	44108	6	20,26,43,48,50/03;2,3,6,8,11,12,14/04	44435	2	24,25,26,37,49,50/03;13/04
43059	3	20/03;16/04	43368	5	43,48/03;14,17/04	44109	5	20,21,27,48,52/03;2,8,9,14/04	44436	4	15,21,26,27,28,35,52/03;4,6,15,17,20/04
43060	4	27/03;16/04	43369	6	43,48,50/03;14,17/04	44110	7	24,47/03;9,17/04	44437	2	24,25,26,37,49,50/03;13/04
43062	2	16/04	43370	7	47/03;12,14/04	44111	1	18,22,47/03;2,6,12,13,15/04	44438	4	15,17,19,23,24,25,27,34,41,49,50,51/03;7,12,16,18,19/04
43063	2	16/04	43371	13	38,43/03;10,12,14/04	44112	1	24,47/03;9,17/04	44439	2	19,24,41,49/03;6,12,14/04
43064	2	16/04	43372	4	10,12,14/04	44113	1	20,22,47,48,52/03;2,8,9,14/04	44440	7	19,24,41,49/03;6,12,21/04
43079	2	21/04	43373	8</td							

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
51081	10	15,17,21,22,45/03;6,19,20/04	52161	14	52/03	54083	4	10/04	55062	5	28,33/03/21/04
51082	7	15,17,21,22,45/03;19/04	52164	2	14/04	54085	2	15,24,42/03	55063	1	44/03
51100	7	27,33,34,41/03;10,P18,19/04	52170	3	16,42,52/03;10/04	54090	3	15,19/03;6,12/04	55064	3	8/04
51103	10	17/04	52172	2	52/03	54095	3	15,30,42/03	55082	9	25,32,44,46,50/03;20/04
51104	1	17/04	52180	14	15,16,50/03;6/04	54105	3	17,19,50/03;10/04	55084	7	39/03;11/04
51109	5	5,12/04	52183	9	52/03	54115	3	15,30/03;10/04	55085	9	31,33,36,39,46,50/03;9,17,20/04
51120	6	4/04	52200	8	17/03	54120	5	15,17,19/03;10/04	55100	8	28,29,33,34,39,43,44/03;6,21/04
51125	1	22,46/03;4,5/04	52220	7	27/03	54125	3	15,17,30,47/03	55101	4	25,32,34,38,39,42,43,46,50/03;2,4,6,9,11,13,17/04
51142	2	15,22,33,40,45/03	52221	7	27/03	54131	2	50/03;12/04	55102	3	15,25,32,36,43,46,50,52/03;2,6,13,17/04
51143	4	40,45/03;9/04	52223	4	27/03	54140	7	15,30,47,51/03	55103	2	15,19,20,25,26,27,31,35,36,38,42,43,46,50,52/03;2,6,13,15,17/04
51144	3	15,46/03;9/04	52240	9	27/03;20/04	54151	1	42/03	55104	2	19,31,33,36,45,46,52/03;2,6,13/04
51145	2	22/03	52243	11	20/04	54161	12	20,21/03	55105	7	15,29,33,36,42,43,48,52/03;3,9/04
51146	3	36/03	52262	6	4/04	54165	2	38/03	55110	2	29,43,44,51/03;3,14,15,21/04
51150	1	15,22,33,40,46/03;9,12/04	52263	5	4/04	54167	2	20/03	55120	2	28,33,34,42/03;2,17,21/04
51154	3	15/03;6,9/04	53011	2	7,10/04	54168	1	17,38/03	55127	2	24,27,32,36,51/03
51155	1	15,22/03;12/04	53031	1	24,31,49/03;6,7/04	54169	3	17,38/03;14/04	55128	2	26,27,28,32,34,43,50/03;2,6,9,11,13,20/04
51159	3	39/03	53058	2	37/03	54180	6	30,42,47,51/03	55129	7	15,27,34,35,42,45,46/03;6,9,11,20/04
51160	20	15,21,22,45/03;12,14/04	53060	14	31,36,39,44/03;6,11/04	54181	7	48/03*	55130	2	19,32,33,34,39,42,46,50/03;2,6,9,11,17/04
51163	4	43/03;12,19/04	53061	10	16,17,38,44/03;15,17,21/04	54195	2	51/03	55131	1	19,25,38,39/03;6,9,15,17/04
51164	18	43/03;5,14/04	53062	13	16/03;15,17,19,21/04	54222	4	20/03	55133	3	34,36,38,46/03;6/04
51165	8	16,39/03;5,8/04	53063	9	33*/37/03;21/04	54226	2	47/03;12/04	55138	4	52/03;6,9,15/04
51166	3	N39/03	53064	6	20,39/03;11/04	54227	2	47/03;12/04	55139	5	6,15/04
51167	6	16/03;5,8,14/04	53065	2	39/03;11/04	54279	4	15/03	55140	2	29,33,34,35,36,42,45,46,47,52/03;2,9,11,17,20/04
51168	2	45/03;14/04	53066	2	20,39/03;11/04	54284	1	15,34/03	55150	2	15,36,48/03;3,14/04
51180	5	16/03	53081	8	16/03	54287	7	15/03	55160	2	29,41,42/03;3/04
51220	8	18,43,45,46/03	53082	13	7,21/04	54302	1	21/03	55161	1	17,41,42/03
51222	6	16/03	53083	8	21,22,41/03;21/04	54320	4	24,25/03	55170	2	46/03;6,9,13,15/04
51223	2	17,18/03	53084	6	16/03	54321	2	25/03	55180	2	15,29,33,36,39,42,45,46,47,52/03;2,9,11,20/04
51240	2	43/06/03	53086	8	17/03;11/04	54332	3	25/03	55190	2	20,27,39,40,51,52/03;2,3,6,9,15/04
51260	4	16,18,28,43,44,52/03	53087	9	17/03	54333	3	25/03	55200	2	20,25,26,27,28,32,33,36,39,42,45,46,47,52/03;2,9,11,17,20/04
51261	23	15,19,40,46/03;12/04	53089	4	21,22,23,41/03;9/04	54335	3	24/03	56011	1	50,52/03;10/04
51263	23	17/03	53090	1	50/03	54337	3	21/04	56031	1	17,21/03
51341	23	16,34/03;15/04	53093	2	41/03;8/04	54340	8	24/03	56041	4	21/03
51342	3	5/04	53100	16	18,20,21,24,31/03;11,13/04	54341	4	23/03	56060	9	27*/38/03;18/04
51343	3	21/04	53101	7	16,24/03	54344	6	24/03	56063	1	16/03
51344	2	16,18,44/03	53104	2	20,24/03	54346	9	20/04*	56064	6	16/03;8,18/04
51380	5	42/03;21/04	53106	6	21,33/03	54350	4	37/03	56065	3	16,38/03;8,18/04
51420	5	42/03	53110	1	15,17/03	54351	7	26/03	56067	3	20,38/03;8,10/04
51440	4	42/03	53111	3	11/04	54352	3	33,37/03;6/04	56081	19	5/04
51500	6	20/03	53120	14	17,31,35/03;11,13/04	54359	2	38/03;21/04	56082	16	29/03
51540	3	22,45/03	53122	3	16/03	54360	12	20,21,34,50/03;6/04	56100	14	33/03*
51560	11	50/03	53123	3	29/03	54361	10	38/03;21/04	56101	6	5/04
51562	10	50/03	53130	1	18/03	54363	3	21,50/03;2,6/04	56102	23	5/04
51580	13	41/03	53133	4	33*,45/03	54365	6	21/03	56103	6	33/03;5/04
51600	12	20,39/03	53147	3	17,20,35/03	54368	4	50/03	56104	3	22/03*,5/04
51620	10	20,39/03	53149	2	11/04	54369	4	20,21,34,50/03;2/04	56105	1	38/03*
51621	9	20/03;20/04	53161	8	18/03	54380	6	16,18,28,34/03;17/04	56106	1	16/03;8,18/04
51641	4	32,34,40/03	53162	7	15/03	54382	9	16,28,40/03;15/04	56107	3	20,38/03;8,10/04
52031	1	21,48,49/03;7,10,13,20/04	53166	1	6/04	54386	10	16,18/03	56108	19	5/04
52039	4	18,21,45/03	53180	10	15,18,20,21,29/03;11/04	54400	8	16,22,30,36,37/03;13,14,19/04	56082	16	29/03
52040	17	16,18,34/03;13,20/04	53181	4	21/03	54403	4	24,30,36/03;19/04	56100	14	33/03*
52042	6	22/03*	53182	4	15,16/03	54407	4	16,30,37,49/03;13,14/04	56101	6	5/04
52043	21	48,50,52/03;1/04	53183	13	20/03	54409	2	13/04	56102	23	5/04
52046	21	16,18,21/03;12,13,19/04	53184	5	18,20/03	54413	3	37/03	56103	6	33/03;5/04
52047	11	34/03;20/04	53200	6	15,16,20,30/03;4,11,12/04	54416	5	33,37/03	56104	3	22/03*,5/04
52051	1	16/04	53201	6	18,21,38/03	54417	1	30/03*	56105	1	38/03*
52052	1	16/04	53202	6	15,17/03	54418	4	16,30,37,49/03	57000	10	43/03
52060	16	P20,26,29,34/03;6/04	53204	10	1/04	54421	6	36,41,43,46,49/03;20/04	57035	10	23/03;4/04
52061	2	20,P20,26,29,34/03;6/04	53205	3	26/03	54422	4	46/03	57060	7	43/03
52062	7	23,29,34/03;1,6,7/04	53206	6	25/03	54423	5	17/03	57103	2	16/03
52066	3	16/03	53220	6	16/03;4,10,12/04	54430	1	36,43/03;2,14,20/04	57170	1	52/03;20/04
52080	14	20,P20,26,48,49/03;5,7,20,21/04	53226	3	17,18,35/03;12/04	54440	4	17,38/03;13/04	57200	6	52/03
53262	8	1/04*	53263	1	17/03	54462	5	17,51/03;4/04	57201	5	52/03
52083	2	16,46,48/03	53264	5	17/03	54463	5	1/04	57241	12	31/03
52084	2	18/03	53265	6	15,16/03	54464	5	17/03;15/04	57242	8	41/03
52085	3	16,46/03	53266	4	17/03	54480	8	17,21/03;7,13/04	57245	1	41/03
52086	2	36/03;5,7/04	53269	5	17/03	54481	8	33,43/03;7,13/04	57260	3	23/03
52087	1	6/04	53279	3	15/03	55001	4	15,28,29,33,35,36,39,43,44,52/03;6,21/04	57261	2	23/03
52088	3	10*,20,21/04	53281	4	15,18/03	55040	4	16,20,21,35,36,39,41,42,45,50,52/03;6,9,13,17,19/04	57262	4	23/03
52092	1	16,48/03	53283	4	40/03;6/04	55041	7	21,43,49,50/03;2,5,13,15/04	57381	12	15,16,23/03;4/04
52120	12	16,18/03;6,19/04	53284	4	21,24/03	55042	1	17,35,37/03;9,19/04	57408	2	24/03
52121	8	16,23/03	53285	4	15/03	55043	2	37,52/03	57460	4	29/03
52122	14	13,14/04	53287	6	15,22/03	55044	5	16,42,52/03;1,2/04	57471	3	15/03
52124	1	6/04	53301	4	22/03;21/04	55045	2	39,52/03;3,9/04	57472	8	15,23,27/03
52125	1	16,18/03;14/04	53306	2	31,43/03	55046	4	18,19,35,36,41,46,50/03;	57480	8	15,23,27/03
52140	6	18,29,46,49,52/03;5,7,12/04	53311	3	37/03	55047	8	41,49,51/03;6,7,15,18/04	57482	12	24/03
52141	5	41,44,46,49/03	54040	7	16,17,24/03	55048	12	20/03;1,8,13,15/04	57483	11	24/03
52142	3	14*,20/04	54043	2	17/03	55049	7	28/03;17,21/04	57484	19	15,23,24,27/03
52143	8	18,03/7/04	54060	5	16/03;6						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
57488	6	24/03	62459	2	41/03	71247	18	17,21,22/03;11,12,15/04	74004	2	30/03;12/04
61000	20	15,23,27,31/03;20/04	62460	4	9/04	71248	2	N10,N14/04	74005	2	16,27,30,38/03;15/04
61020	2	27/03	62480	2	16*,18,32,41/03;8,9/04	71249	2	14/04	74007	1	46/03
61040	6	31/03;20/04	62490	2	16*,17,18,21,32,50/03,9,	71251	11	15,21,50/03;10,12,14/04	74008	6	15,21/04
61050	4	15,31/03			12,15,18/04	71253	10	16,17,21/03;12,14/04	74009	10	21,36,44/03;21/04
61051	7	15,24/03	62498	4	31/03;13/04	71255	6	28/03*:10,11,12/04	74012	10	19,20,27,36,37/03;8/04
61060	5	27,39/03	62499	4	31/03	71257	2	16/03;10,11,12,14,15/04	74015	10	21,31,36/03;8,13/04
61061	9	15,24/03	62510	3	8,9/04	71258	2	22/03;10,12,14,15/04	74016	3	27,42,48/03
61070	4	39/03	62512	3	N8,N9/04	71259	3	15*,17,19,44/03;10,11,	74017	4	18,31,38/03;13/04
61071	9	18,39/03	62520	6	20*,28,32,41/03;8,9/04			14,15/04	74020	4	18,31,38/03;13/04
61090	5	27/03	62521	4	N20*,N28,N32,N41/03;	71261	8	16/03	74021	7	26,31,35/03;13/04
61091	5	18,24,27,35/03			N8,N9/04	71262	7	33/03	74024	7	36,49/03
61092	13	18,27,35,39/03	62530	6	20*,28,32,52/03;9,17/04	71265	3	15,16,20/03;10,11,14,	74027	9	39/03
61110	3	25/03	62531	4	N20*,N28,N32,N52/03;			15/04	74030	6	42/03
61111	12	25,27,34/03			N9,N17/04	71271	10	19/03	74051	2	42/03
61112	10	35/03	62540	6	17,18,21,30,35,43,50/03;	71272	10	19/03	74151	9	20,29,40,41/03;19/04
61130	3	9/04			9,12,15,18/04	71273	2	51/03	74152	11	27,30,34/03;1,13,19/04
61140	5	9/04	62541	3	N17,N18,N21,N30,N35,	71275	3	16,19,33/03	74153	2	27,41/03;1,19/04
61141	6	35/03;9,14/04			N43,N50/03;N9,N12,	71281	7	34/03	74171	4	18,20,40/03
61142	6	35,39/03;9,14/04			N15,N18/04	71285	3	19/03	74172	5	18,40/03
61180	4	38/03	62550	3	16*,28,32,52/03;5,9,10,	71295	2	19/03	74181	8	34/03
61190	4	9/04			17/04	71305	2	23/03	74182	12	17,25,34,38,39,40,41,42,
61541	8	41/03	62560	4	16*,18/03;5,8,9,17/04	71320	1	33,38/03			49/03;11,17/04
61542	6	41,46/03	62570	4	17,18,30,35,37,43,50/03;	71330	13	33,38/03	74183	11	17,25,38/03
61581	5	28/03			1,5,9,11,12,15,18/04	71331	11	33,38/03	74184	10	17,34/03;8,11/04
61582	4	28/03	62572	1	50/03*:11/04	71333	2	33/03	74186	7	17,21,27,30,36/03
61591	4	28/03	62580	3	35/03;9/04	71335	2	38/03	74190	7	16,31,34,39/03
61610	7	34/03	62584	2	7/04	71340	11	33/03	74191	2	29/03;5/04
61611	11	34/03	62590	2	17,18,21,23,30,37,43,	71348	3	23/03	74192	3	40/03
61612	4	34/03			50/03;1,11,12,15,18/04	71349	2	23/03	74200	8	32,40/03
62001	5	28,50/03;9/04	62591	3	N17,N18,N21,N23,N30,	71400	5	23/03	74201	9	32/03;11/04
62024	13	29/03			N37,N43,N50/03;N1,	71402	1	33/03	74202	3	27/03
62028	15	13/04			N11,N12,N15,N18/04	71410	1	23/03	74204	5	32,40,46/03;11/04
62032	16	17,21,41/03;8/04	63000	13	40/03	71420	1	23/03	74205	2	27,32,35/03;1/04
62033	3	N17,N21,N41/03;N8/04	63005	18	16/03	71430	3	20,23/03	74206	2	27,32,35/03
62046	3	19/03*	63010	14	44/03	71440	2	23/03;11,14/04	74210	7	17,37,46/03
62090	7	11/04	63040	2	52/03	71455	2	23/03	74220	8	30,37,46,50/03;11,15/04
62095	3	32/03	63050	2	45/03	71460	1	23/03	74221	2	30,38/03
62097	6	38/03*	63053	4	39,45/03	72000	8	20,21,23,24,27/03	74229	2	18,26,50/03;21/04
62098	7	33/03*	63055	2	39/03	72007	10	27,50/03;9/04	74230	7	36,46,50/03;12,15/04
62100	6	P23,26/03;11/04	63060	7	45/03	72014	10	19/03;9/04	74231	7	21,36,50/03;10/04
62110	9	P23,26/03;9/04	63062	7	16,18,37,44,50/03	72021	8	20,23,27,50/03;9/04	74232	9	21/03;8/04
62142	10	32/03	63063	9	20/03	72028	7	22/03	74234	1	17/03
62143	3	32/03	63065	6	44/03	72035	8	21,27/03;9/04	74240	8	41,46/03;13/04
62177	3	12/04	63070	3	16/03	72045	2	27,03/9/04	74251	8	17,21/03;15/04
62188	3	50/03	63090	8	15,30,40/03	72050	4	23/03	74252	9	10/04
62191	15	15,28/03	63091	4	5/04	72085	3	15*,50/03;9/04	74253	6	16,20,21,30/03;10,13,
62195	7	19/03*	63100	2	30/03	72100	7	19/03			15/04
62220	9	21/03*	63101	15	15,30,40/03;16/04	72103	2	19/03	74261	9	30,39/03;21/04
62222	5	19/03*	63102	19	15,30,40/03;16/04	72105	2	19,50/03;9/04	74265	2	16,21,30/03;10,13,15/04
62225	3	17/03	63103	17	15,16/03;16/04	72107	2	19/03	74270	3	38/03;10,15,21/04
62230	2	50/03;9/04	63110	4	16/03	72110	9	9/04	74271	9	19,26,27,29,30,38/03;10,
62241	10	5/04	63111	9	16/04	72120	3	9/04			21/04
62250	4	32/03	63200	5	30/03;10/04	72173	2	9/04	74272	7	19,29,30/03;9,15,21/04
62270	4	29,32/03	63201	9	30/03	72181	2	50/03	74273	5	19,27/03;10,15/04
62271	5	13/04	63205	2	30/03;10/04	72203	2	9/04	74281	7	30,52/03;17/04
62290	3	21,P23,26/03;11/04	63210	3	16,30/03	72223	8	27/03	74283	2	27,52/03
62295	3	21,P23,26/03	63240	4	19/03	72231	8	21/03	74285	2	16,38,50/03
62310	2	29/03	63250	6	5,16/04	72234	2	18,19/03	74286	2	29,35/03
62340	3	13/04	63252	1	33/03	73000	9	20,21/03;10/04	74287	2	47/03
62350	3	13/04	63260	5	5/04	73002	4	10/04	74289	5	10/04
62355	6	29/03	63271	8	9/04	73004	4	8,10/04	74290	11	16,27,30,38,50/03;15,
62366	4	33/03*/9/04	63290	7	22/03	73006	2	10/04			18/04
62391	5	33/03*	63291	9	16/03	73008	8	23/03	74292	8	27,52/03/1/04
62393	7	8/04	63310	5	9/04	73010	3	10/04	74293	7	16/03;18/04
62394	10	8/04	63320	8	37,49/03;9,16/04	73014	10	10/04	74295	3	27,29,35/03;1/04
62395	3	25/03*	63321	6	37,49/03;16/04	73016	4	10/04	74296	4	27,52/03;15/04
62400	17	31/03;13/04	63322	2	49/03	73018	3	10/04	74320	3	18,41,43/03
62401	9	41/03;8/04	63324	1	9/04	73020	9	21,22/03;10,21/04	74340	3	16/03
62405	8	43/03	63370	1	20/03	73022	4	10/04	74350	4	16,44/03;21/04
62406	2	28/03;9,13/04	71005	1	16,23/03	73030	4	22/03	74376	5	16,44/03
62408	7	8/04	71006	5	23/03	73032	4	22/03	74380	4	26/03
62411	1	10,13,17/04	71015	4	23/03	73141	5	10/04	74391	3	26/03
62412	12	52/03	71018	10	15,21,25,26,27/03	73191	3	10/04	74392	7	25,49/03
62413	12	28*,50,52/03;10/04	71027	9	18,23,33/03;14/04	73552	4	38/03;18/04	74393	9	39/03;13/04
62417	1	10,13/04	71033	31	15,23/03	73580	4	43/03	74394	2	39/03;13/04
62420	5	52/03;10/04	71036	8	23,26/03	73581	4	43/03	74420	3	19,27,30/03
62432	17	50/03*;11/04	71040	5	47/03	73590	6	36,43/03	74450	3	37/03
62434	9	17,18,21,23,43,50/03;1,4, 5,11,12,15/04	71045	2	23/03	73601	3	43/03;12/04	74455	3	38,49/03
62437	10	30*,32,35,37/03;5,15/04	71081	3	21/03	73620	2	12/04	74460	4	20,37/03
62440	8	16*,41/03;8/04	71180	29	15,21,23/03	73631	4	17,40/03	74465	2	36,38/03
62442	6	24/03	71185	24	15/03	73640	5	16,40/03;10/04	74475	2	42,48/03
62446	3	43/03	71210	18	23,27/03	73650	5	40/03	74494	2	16/03
62449	4	8/04	71241	10	16,20/03;15/04	73653	1	40/03	74510	2	17,18,35,38/03;13/04
62451	7	5,9/04	71243	5	15/03*	74000	6	18,41/03	74515	4	31,35/03
62453	4	16*,50,52/03;10/04	71244	3	11/04	74002	2	31/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74535	2	36,38,49/03	81092	3	32/03	93736	24	11*,16/04	95140	15	17,21,24,25,27,29,33,35,37,51,52/03;4,16,17,19,20,21/04
74545	3	18,32/03	81711	6	31/03;1/04	94004	6	17,18,42/03;6,15/04	95141	8	17,19,21,23,25,29,37,51/03;4,20/04
74550	4	32/03	81715	4	31/03;1/04	94016	2	17,21,33,47/03	95142	9	19,23,29/03
74555	3	12/04	82005	5	17/03	94028	7	17,21,24,27,31,33,40,51,52/03;1,4,16,17,19,20,21/04	95143	11	16,17,19,23,24,25,27,28,30,36/03;21/04
74560	10	18,31,32/03;15/04	82010	6	17,39/03	94033	5	19,21,23,29,42,44/03;2,12,16,19/04	95144	9	16,21,23,24,35,37/03;17/04
74581	9	27,31,39,48/03	82015	13	39/03	94040	13	17,18,28,31,43,51/03;13,18/04	95146	14	16,21,23,24,31,32,35,37,48/03;20/04
74582	9	17,20,27,31,39,48/03	82020	7	39/03	94042	9	18,24,43,45/03;4,8,13,16/04	95147	13	19,23,25,28,29,31,32,35,36/03;20/04
74583	15	38,48/03;12/04	82095	2	12/04	94060	10	15,18,24,31,42/03;11,13,18/04	95149	9	19,24,25,27,30,32,35,52/03;16,20/04
74584	5	26,27,36,38,39,48/03	82105	2	12/04	94061	5	23,41,42,52/03;11,13,18/04	95151	17	19,23,28,29,30,37/03;16,19,20/04
74591	7	38/03;12/04	82192	6	43/03	94063	4	18/03	95152	5	19,28,30,31,32,35/03;20/04
74595	2	42/03	82200	2	17,41/03;12/04	94080	7	19,22,32,51/03;15,17/04	95153	2	19,25,32/03;19/04
75000	6	31/03	82201	2	12/04	94082	8	19,22,51/03;15/04	95160	13	17,19,21,24,25,27,33,36,40/03;1,14,16,17,19,20/04
75001	3	31,32/03	82215	2	41/03	94083	12	15/04	95161	16	17,19,23,25,27,30,37/03;16,20/04
75025	9	25,27,36,38,39/03;8/04	82244	5	20,39/03	94120	6	17,18,21/03;15/04	95162	2	19,30,35/03;20/04
75035	18	26,27/03;8/04	82253	7	20,39/03;15/04	94122	7	35/03	95163	2	17,21/03
75051	6	5,11/04	82280	N39/03		94123	9	15,17,18,28/03	95164	4	27/03
75052	2	10,11/04	82571	6	14/04	94124	13	15,17,25,28/03	95167	10	17,21/03
75130	16	16,19,25,26,37/03	82683	4	17/03	94127	2	16,18/03	95169	2	16,23/03
75131	7	17,39/03	82689	3	17/03	94160	7	16,17,18,19,28,31,41,42/03;6,13,16,17/04	95171	1	21,37/03
75132	11	17,19,25,29,32,35/03;9,21/04	82694	6	17/03	94164	2	16,19,41,42,43/03;17/04	95172	1	21,32/03
75134	3	19,29,37,45/03;9/04	83020	8	24/03	94165	4	18,24,43/03;13,18/04	95173	1	28/03
75142	5	35/03;9/04	83025	1	45/03	94180	9	23,28,44/03;6,16,17,18/04	95174	1	27/03
75143	4	10/04	83425	6	3/04	94187	3	23,36,45,46/03;12,18/04	95176	2	30,35/03
75144	3	18,25,30,38/03;10/04	83473	7	37/03	94188	2	28/03	95180	11	21,23/03
75150	5	16,19,26/03	83484	10	23,42/03	94201	1	24,28/03	95185	2	35/03
75160	6	17,18,19,25,32/03	83580	2	45/03	94203	10	24,41,42/03	95200	6	23/03
75170	12	25,38/03	83590	1	45/03	94206	3	19,44/03;18/04	95243	4	15/04
75171	22	16,26,35,38,40,44/03;10,21/04	91005	6	19,42/03	94207	5	N19/03	95250	4	16,20,22,36/03;19/04
75172	5	49/03	91020	5	19,46/03	94217	2	16,18/03	95258	3	16,18/03
75173	9	20,26,35,38,40/03	91030	3	42/03	94218	3	18/03;2,5,17/04	95261	7	16,23,28,36,47/03;14,21/04
75175	9	18/03	91175	2	6/04	94219	1	46/03;6/04			
75176	9	25,26,32,40,44/03;21/04	91280	7	19,43,46/03	94220	4	17,18,33,42,44,47/03;5,18/04			
75177	7	26,38/03	91289	19	43/03	94260	5	31/03			
75180	2	25,38/03	91294	8	19/03	94280	5	15,32/03			
75185	2	36/03	91297	9	19/03	94281	6	42/03			
75190	2	25,36/03	91300	3	46/03	94282	7	13/04			
75191	6	19,30,34,36,38/03	91331	3	42/03	94283	7	32/03;7,13,14/04			
75193	6	16,19,35/03	91340	3	42/03	94290	2	31/03;7/04			
75207	2	16,33,37,43,49/03	92006	5	10/04	94322	14	47/03;6/04			
75208	2	30,33/03	92025	3	42/03	94323	6	2,8,12,16,17/04			
75213	2	33,38/03	92150	3	43/03	94361	13	15/03;2,8/04			
75215	2	33,38/03	92160	3	43/03	94363	4	16,18,29/03;15,17,21/04			
75220	12	20,26,39/03;8/04	92170	3	43/03	94380	4	N18/03;N18/04			
75222	8	1/04	92290	2	19/03	94420	3	23,42,44,47/03;2,12,16/04			
75240	4	27,39/03;8/04	92296	3	19/03	94421	10	12/04			
75241	6	26,35/03	92410	3	42/03	94423	12	12/04			
75251	5	19,37,40/03;13,19/04	92450	3	42/03	94440	2	18/03			
75261	6	26,31,38/03;1,13,19/04	93006	2	43,44,48/03	95016	8	21/04			
75262	6	16/03;1/04	93010	6	18,24/03	95041	7	23,50/03			
75263	9	26,31/03;1/04	93018	8	18,24/03	95060	13	17,19,21,23,29,31,33/03;16,17,19/04			
75264	17	27,32/03;1/04	93025	5	45/03	95065	5	31/03			
75265	2	20,31,32,38,40/03	93032	3	24/03	95066	11	17,19,21,23,25,27,31,32,33,37/03;6,17,21/04			
76015	1	28,45,52/03;3/04	93047	2	24/03	95076	13	17,23,28,37/03;17,20/04			
76030	9	52/03;3/04	93048	1	33/03	95086	3	23,50/03			
76040	8	47/03	93160	4	24,47/03	95087	3	30,31/03;1/04			
76050	8	18,28,52/03	93180	7	47/03	95088	8	19,21/04			
76052	8	28/03	93220	6	47/03	95089	7	17,20/04			
76054	5	52/03	93240	11	16,24,47/03	95090	6	16/04			
76056	3	37/03	93241	9	16,25/03	95091	10	12/04			
76060	7	52/03	93244	7	16/03	95092	12	12/04			
76061	3	52/03	93245	6	16,24/03	95093	4	15/04*			
76070	9	28,45,47,51/03;3/04	93260	8	18,47/03	95094	5	1/04*			
76071	9	28/03	93261	5	47/03	95095	4	16,18,29/03;15,17,21/04			
76080	8	18,47/03	93280	4	18/03	95096	11	17,19,21,23,25,27,31,32,33,37/03;6,17,21/04			
76081	7	28,37/03	93520	13	15/03	95097	3	23,50/03			
76083	3	37/03	93650	2	24,28,49/03;2/04	95098	1	17,25,28,29,37/03			
76120	6	45/03	93652	2	24,49/03;2/04	95099	13	17,19,21,24,25,27,28,30,31,32,34/03;13,14,15,16/04			
76121	8	47/03	93680	3	24/03;18/04	95100	12	17,23,25,27,28,29,31,32,33,37/03;4,17,20,21/04			
76141	8	28,37,45,52/03	93688	3	N18/04	95101	8	17,28,31/03;17,20/04			
76142	1	37,45/03	93690	2	45/03	95102	8	17,23,25,27,28,29,31,32,33,37/03;4,17,20,21/04			
76144	1	28/03	93698	3	28/03;6/04	95103	8	19,27,28,31/03			
76146	1	28,45/03	93710	3	15,43,52/03	95104	7	17,23,25,27,28,29,31,32,33,37/03;4,17,20,21/04			
76147	1	28/03	93720	10	15,17,20,24,28,42,43,44,48,49/03	95105	8	19,27,28,31/03			
76160	4	28/03	93721	5	17,20,23,25,40,41,43,44,45,46,48,49,50,52/03;1,4,7,8,11,14,16/04	95106	5	23,27,31,33/03			
76161	10	47/03	93725	6	24,49/03	95107	3	30,31/03;1/04			
76162	1	18,28/03	93726	4	17,45,50/03	95108	8	19,28/03			
76170	7	28,52/03	93730	3	17,24,28,31,41,42,43,46,47,48,49/03;13,14,16,17/04	95109	7	17,23,25,27,30,31/03			
76180	1	28/03;3/04	93733	13	19,20,25,40,41,44,45,47,48,52/03;1,4,8,14,16/04	95110	7	21,26/03			
81004	3	37*,43/03;9,10,17,21/04	93734	12	51/03*/4/04	95111	8	16,17,19,23,24,25,27,28,30,35,36/03;21/04			
81048	9	52/03*;8,9,17,21/04				96043	8	11/04			
81054	14	52/03*;7/04				96044	10	23,38,51/03;2,7,20/04			
81060	2	43/03;8,9,11,17,21/04				96120	6	21/03			
81063	5	47/03				96320	4	51/03			
81067	6	46/03*;12/04				96340	4	45,51/03			
81076	10	41*,44/03;12/04				96381	2	50/03			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 21/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
96621	5	38/03;11/04	97219	4	20,23,25,47/03;13/04	97460	7	19,21,47/03;9/04
96640	5	15/04	97220	3	17,18,23,29,33,46,49/03;6,18/04	97461	9	19,21,22,23,26/03;9/04
96645	1	15/04	97221	20	17,18,19,20,22,23,25,26, 29,33,46/03;6,7,11,13,17, 18/04	97465	9	19,20,22,33,37/03;6, 12/04
96660	4	36/03	97222	12	22,29/03;11,17/04	97466	2	23,27/03
96760	4	17/04	97223	3	16,17,22,23,46/03;21/04	97469	10	19,20,22,33,37/03;6, 12/04
96762	4	50/03*;16/04	97224	6	45/03;11/04	97471	5	N22,N33/03;N6,N10, N12/04
96763	7	17,32,37,45/03;6,16, 21/04	97225	32	21/04*	97472	8	33/03
96764	3	34/03*	97226	7	18,41/03;6/04	97474	7	22/03
96883	9	11/04	97227	11	18,30,34/03	97480	7	17,18,21/03;15/04
96904	3	34/03*	97228	15	15,17,18,20,21,22,27,29, 35,49,52/03;7/04	97481	6	18,20/03
96939	3	22/03	97229	12	18,28,33/03;18/04	97483	7	20/03;11/04
96941	8	47/03;9,16/04	97230	18	28,33/03	97501	2	21/04*
96942	9	9/04	97231	11	23,33/03	97521	6	16,18,20/03
96943	15	20,22,23,33,42/03;19/04	97232	9	7/04*	97564	3	16/03
96944	6	20/03;17/04	97233	12	15*,17/04	800669	8	N1,N16/04
96945	3	20,22,23,42/03;16,19/04	97234	17	16,41/03;7/04	800744	1	N16,N36,N47,N50/03; N10/04
96948	8	21,22/03	97235	2	52/03*	801217	1	N19,N20,N22,N33, N37/03;N6,N12/04
96949	21	22/03	97236	20	16,23,35,41/03;13/04	801885	3	N34/03
96950	3	17,40/03	97237	6	41/03	801902	9	N25,N31/03;N14/04
97005	9	47/03;17/04	97238	11	12/04	801953	1	N39,N52/03
97015	10	16,17/04	97239	10	16,23/03	802260	5	N1/04
97021	7	40/03;16,17,19,20,21/04	97241	6	1/04	803404	2	N8/04
97029	3	40/03;16/04	97243	8	21,27,33/03;14/04	804059	2	N43/03
97041	9	22/03	97245	11	29/03	804567	4	N31/03;N9/04
97042	7	20/03	97246	7	13/04	805118	3	N36/03;N12/04
97043	2	20/03	97251	4	17,36,52/03	805647	2	N30/03;N8,N13/04
97060	8	22,26/03	97261	15	18,21,26,44/03;1,13/04	806927	8	N25,N30,N39/03
97061	4	21/04*	97262	10	15,21,26,33,46/03;2,13, 14/04	807370	5	N17,N25,N30,N31, N39/03;N14/04
97062	12	22,26,34,35/03;10/04	97263	10	15,18,21,46/03;2,14/04	807861	2	N22/03
97063	2	48/03*	97266	5	15,18,26,42/03;1,2,7/04	809055	7	N16/03
97064	2	33,45/03	97267	16	18,26,27,42/03;7,9,13/04	809679	2	N27/03
97065	2	48/03*	97269	11	18,27/03;7/04			
97080	6	21/04*	97270	6	7,13/04			
97082	5	16,34/03;10/04	97271	12	26,35,41,44/03;9,17/04			
97083	3	29,34,35/03	97272	11	23,37,47/03;1,9,13,19/04			
97100	4	16,17,26,49/03;16,17/04	97273	11	34*,52/03;1,9/04			
97101	2	50/03*	97274	19	15,17,18,23,37,47,52/03; 7,9,21/04			
97104	4	41/03	97275	3	52/03*			
97105	3	41/03;17/04	97276	2	50/03*			
97108	4	50/03*	97277	12	21/04*			
97120	6	16,17,25,40,44,45,49/03	97278	12	14/04*			
97140	17	16,25,40,44,45,46,49, 52/03	97279	9	27/03			
97141	5	20/03;6/04	97281	3	50/03*			
97143	12	21/04*	97285	6	17,36/03;7,21/04			
97144	14	20,39,44,49/03;6/04	97286	6	17,35,36,38/03			
97145	1	25,40,45,47/03	97287	5	20/03			
97146	10	15,39/03	97300	6	25,26/03;6/04			
97148	9	27/03	97303	3	45/03			
97149	20	16,25/03;12/04	97320	6	25,46/03;6,14,21/04			
97150	13	20,27,42,49/03	97340	8	16,17,18,22,36,46,47/03; 9,14/04			
97151	16	16,20,25,49/03	97341	9	16,21,47/03			
97152	9	1*,6/04	97342	14	17,18,22,27,43/03			
97153	8	52/03*	97343	12	17,25/03;9/04			
97155	14	18,20,28/03;10,12,20/04	97345	2	50/03			
97157	2	40/03*:1/04	97360	6	18,27,43,45,47/03			
97158	5	50/03*	97380	7	16,23,38,40,45/03;17/04			
97159	6	16,44,46,52/03	97381	7	27,43,45/03			
97163	14	36/03;11/04	97382	2	42/03			
97164	1	16,52/03	97383	16	42,46,47/03			
97165	1	16,52/03	97384	4	19/03			
97166	1	21,46/03	97385	10	46,47/03			
97167	2	21/03	97387	2	42,46/03;10/04			
97180	6	20,22,26,44/03;19/04	97389	2	45*,47/03			
97181	20	17,18,20,22,23,26,27,35, 44,46/03;1,7,19/04	97390	5	16,36/03;7/04			
97182	13	17,18,20,21,22,23,27,35, 46/03;1,9,21/04	97391	26	16/03			
97183	9	16,18,22,26,43,44/03	97392	5	21,23,26,33,38/03			
97184	15	18,22,39,44/03	97396	14	16,17,23,33,38/03;2/04			
97185	2	46/03	97397	7	16,26,44,49/03			
97187	3	18/03;2,16/04	97398	4	43/03*			
97188	3	50/03*:7,9/04	97400	4	34*,44,49/03			
97189	2	18,22,39,43/03	97410	9	50/03*:2/04			
97190	2	19/04	97412	7	47/03			
97200	9	16,17,22,25,26,29/03; 17/04	97420	17	33,38,40,45/03;1,13,14, 17/04			
97201	7	18,28/03	97421	13	20,26,36/03			
97202	15	20,25/03	97423	2	20,26,36/03;10,17/04			
97204	9	19,20,25,33,43,45,47/03; 13/04	97425	6	45/03;1,2/04			
97205	3	18,28/03	97440	8	16,19,27,43,47/03;9/04			
97206	3	50/03*:13/04	97441	5	47/03;14/04			
97218	3	33/03	97443	6	15,19,25,47/03			

SECTION II

NM 21/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
WOPGN531 (7642014009485)	<u>Strait of Juan de Fuca to Kodiak Island (LORAN-C)</u>	2,100,000	<u>22</u>	<u>3/04</u>	NOS	1-8,94	21/04	
14XCO14805 (7642014010570)	Long Pond to Thirtymile Point (LORAN-C) <u>Inset: Point Breeze Harbor</u> (Inset not shown on index)	80,000 10,000	<u>24</u>	<u>3/04</u>	NOS	1-46,96	21/04	
14XHA14994 (7642014010731)	Eastern Kabetogama and Western Namakan Lakes	42,240	<u>11</u>	<u>3/04</u>	NOS	1-96	21/04	
17XHA17431 (7642014011460)	<u>North End of Cordova Bay</u> <u>Continuation of Hetta Inlet</u>	40,000 40,000	<u>11</u>	<u>3/04</u>	NOS	1-74,98	21/04	
18XHA18539 (7642014011620)	Columbia River-Blalock Islands to McNary Dam (Not shown on index)	20,000	<u>9</u>	<u>3/04</u>	NOS	1-98	21/04	
19ACO19007 (7642014011651)	<u>Hawai'i to French Frigate Shoals</u>	1,650,000	<u>17</u>	<u>3/04</u>	NOS	1-8,99	21/04	
REGION 9								
95BCO95270 (7642014014173)	<u>Noto-Hanto and Approaches</u>	200,000	<u>5</u>	<u>1/04</u>	A	9-26,43	21/04	
95ACO95280 (7642014014149)	<u>Tottori Ko to Mikuni Ko</u>	200,000	<u>10</u>	<u>12/03</u>	A	9-26,43	21/04	
95ACO95300 (7642014014156)	<u>Taisha Ko to Tottori Ko</u>	200,000	<u>6</u>	<u>2/04</u>	A	9-26,43	21/04	
97AHA97061 (7642014007271)	Kesennuma Ko to Ofunato Ko	35,000	<u>4</u>	<u>1/04</u>	A	9-43	21/04	
97ACO97080 (7642014014281)	<u>Shioya Saki to Ishinomaki Wan</u>	200,000	<u>6</u>	<u>2/04</u>	A	9-26,43	21/04	
97AHA97143 (7642014014297)	Middle Part of Tokyo-Wan	50,000	<u>12</u>	<u>2/04</u>	A	9-43	21/04	
97AHA97225 (7642014014314)	<u>Osaka Wan</u> Plan: Tomogashima Suido	80,000 45,000	<u>32</u>	<u>1/04</u>	A	9-36,44	21/04	
97AHA97277 (7642014014323)	Iyo Nada and Approaches	125,000	<u>12</u>	<u>1/04</u>	A	9-44	21/04	
97XHA97501 (7642014014410)	Daito Shoto Plans: <u>Minami-Daito Shima and Kita-Daito Shima</u> <u>Oki-Daito Shima</u>	70,000 35,000	<u>2</u>	<u>4/04</u>	A	9-40,44	21/04	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
WOPGN531 (7642014009485)	Strait of Juan de Fuca to Kodiak Island (LORAN-C)	2,100,000	<u>22</u>	<u>3/04</u>	NOS	10-40	21/04	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

SECTION II

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

CHS Canadian Hydrographic Service
DS Distribution Limited
GPO Government Printing Office
NOS National Ocean Service
UKHO United Kingdom Hydrographic Office
* Not for sale or reproduction outside U.S.A.

To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

PUB 180 (Continued)**Ship Reporting System—GREENPOS**

There are four types of GREENPOS reports:

1. **Sailing Plan (SP).**—The SP contains the basic information needed to enter the vessel into GREENPOS. The report should be made when the vessel enters the GREENPOS area from sea, upon final departure from a port in Greenland, or when a ship not subject to compulsory reporting wishes to participate in the system.

2. **Position Report (PR).**—The PR should be sent four times daily, as follows:

- a. 0000-0030 UTC.
- b. 0600-0630 UTC.
- c. 1200-1230 UTC.
- d. 1800-1830 UTC.

3. **Deviation Report (DR).**—The DR should be sent when the vessel's position differs significantly from the position which would have been predicted from previous reports.

4. **Final Report (FR).**—The FR should be sent upon leaving the reporting area, on arrival at its destination in Greenland, or when a ship not subject to compulsory reporting wishes to leave the system.

GREENPOS messages should be addressed to Island Commander Greenland (GLK) via Gronnedal Naval Radio-station (OVC), which can be contacted through telefax, e-mail, and INMARSAT-C. Island Commander Greenland (GLK) is responsible for monitoring the voyage from the time of receiving the first SP until the time of receiving the FR.

The first line of a GREENPOS message is one of the following:

Type of Report	Format
SP	GREENPOS/SP//
PR	GREENPOS/PR//
DR	GREENPOS/DR//
FR	GREENPOS/FR//

Telegrams prefixed as above are sent free of charge and as carrying the priority URGENT.

See the Appendix for more information on the format of GREENPOS messages.

Ship Reporting System—COASTAL CONTROL (KYST-KONTROL)

There are four types of COASTAL CONTROL reports:

1. **Sailing Plan (SP).**—The SP is sent as a first report upon departure.

2. **Position Report (PR).**—If the voyage will be over 24 hours in duration, and the vessel is equipped with a radio, a PR will be sent at least once every 24 hours to the Coast Radio Station to which the SP was addressed.

3. **Deviation Report (DR).**—A DR will be sent to the Coast Radio Station to which the SP was addressed, as follows:

- a. If there are any changes to the information given in the SP.
- b. If the arrival time increases by more than 1 hour.

4. **Final Report (FR).**—The FR is sent to the Coast Radio Station to which the SP was addressed immediately upon arrival at the vessel's destination.

For the purpose of transmitting COASTAL CONTROL messages, Greenland waters have been divided into a number of control areas, each based on a Coast Radio Station. The limits these areas are, as follows:

1. Coast Radio Station Ammassalik (OZL)—East coast N of 60°31'N.
2. Coast Radio Station Qaqortoq (OXF)—East coast S of 60°31'N and W coast S of 61°30'N.
3. Coast Radio Station Aaslaat (OYR)—West coast N of 61°30'N.

All reports should be addressed to the appropriate Coast Radio Station situated in the same control area as the destination. This Coast Radio Station is responsible for monitoring the voyage from the time of receiving the first SP until the time of receiving the FR.

The first line of a COASTAL CONTROL message is one of the following:

Type of Report	Format
SP	COASTAL CONTROL/SP//
PR	COASTAL CONTROL/PR//
DR	COASTAL CONTROL/DR//
FR	COASTAL CONTROL/FR//

Telegrams prefixed as above are sent free of charge and as carrying the priority URGENT.

See the Appendix for more information on the format of COASTAL CONTROL messages.

(BA NM 1/04, Section VI)

21/04

Page 69; replace with below:

New Appendix from back of this Subsection.

(BA NM 1/04, Section VI)

21/04

COAST PILOT CORRECTIONS**COAST PILOT 1**

34 Ed 2004

Change No. 1

LAST NM 18/04

Page 246—Paragraph 353; strike out.

(52/95 CG1)

21/04

Page 277—Paragraph 221, line 14 to Paragraph 222, line 1; read:

clearance of 1 foot all berthing areas.

Recommended Vessel Route

The U.S. Coast Guard Captain of the Port, Portland, Maine, in cooperation with the Maine and New Hampshire Port Safety Forum, has established a Recommended Vessel Route for vessels entering and departing the Sheepscot River. Vessels are requested to follow the designated route. Local fisherman in this area normally standby on VHF-FM channels 7 (156.350 MHz) and 10 (156.500 MHz). This

COAST PILOT 1 (Continued)

route was designed to provide a safe, established route for increased vessel traffic, to prevent the loss of fishing gear placed in the waters of, and approaches to, the Sheepscot River, and to reduce the potential for conflicts between larger, less maneuverable vessels and all other vessels navigating upon these waters. Vessels are responsible for their own safety and are not required to remain inside the route, nor are fisherman required to keep fishing gear outside of the recommended vessel route.

Channels

The channel in Sheepscot River is deep, and the ...
(CL 1783/03)

21/04

Page 323—Paragraph 220, lines 1 to 8; read:

Depths of about 34 feet can be carried in the marked channel through Portsmouth Harbor to the Memorial (U.S. Route 1) Highway Bridge. From this point, a dredged marked channel leads for about 3.5 miles to a turning basin about 0.4 mile above Frankfurt Island in Piscataqua River. In September 2001, the controlling depth in the dredged channel was 27 feet to the turning basin, thence 33 feet in the basin. The ...
(H-11014; BPs 182307-09)

21/04

Page 323—Paragraph 226, line 5; read:

0.8 mile above Fort Point, in 18 to 71 feet. Space is limited,
...
(H-11014; BP 182308)

21/04

Page 323—Paragraph 228, line 2; read:

Fort Point on the south side of the channel in 49 to 58 ...
(H-11014; BPs 182307-08)

21/04

Page 324—Paragraph 233, line 10; read:

end. **Cod Rock**, covered 17 feet, is 225 yards ...
(H-11014; BP 182307)

21/04

Page 328—Paragraph 285, lines 3 to 7; read:

causeway. The island is marked on its south side by a light.
(H-11014; BP 182307; CL 1018/81)

21/04

Page 334—Paragraph 385, lines 9 to 11; read:

basin off the pier at Seabrook. In October 2003, the controlling depth was 5.5 feet (6.4 feet at midchannel) in the channel to the bridge; thence in 1983, 4 ...
(CL 114/04; BP 182503)

21/04

Page 334—Paragraph 393, lines 5 to 6; read:

side. In January 2003, the entrance channel had a reported depth of 6 feet. Gasoline, diesel fuel, and water are ...
(CL 256/03)

21/04

Page 340—Paragraph 482, lines 2 to 3; read:

bridge. In December 2002, the marina on the east side had a reported approach and alongside depth of 3 feet and provides a one-ton lift and dry winter storage. It ...
(CL 138/03)

21/04

Page 343—Paragraph 511, lines 2 to 4; read:

of Blynman Canal there is a marina with 12 feet reported at the floats. Gasoline, water, ice, berths with electricity, a pump-out station and some marine supplies are available; hull, engine and electronic repairs can be made. On the east bank opposite it are ...
(CL 138/03)

21/04

Page 382—Paragraph 200, lines 3 to 5; read:

east bank of Winthrop Head. Gasoline, diesel fuel, water, ice, a 10-ton lift, a small-craft launching ramp, some marine supplies, and limited overnight berthage are available at the marina; hull and engine repairs can be made.
(CL 138/03)

21/04

COAST PILOT 3**37 Ed 2004****Change No. 2
LAST NM 18/04**

Page 69—Paragraph 636, line 3 to Paragraph 637; read:
advance notice is given.

(b) [Suspended]
(FR 10/28/03)

21/04

Page 69—Paragraph 642; read:

§117.729 Mantua Creek.

(a) The draw of the CONRAIL Railroad Bridge, mile 1.4 at Paulsboro, shall operate as follows:

(1) From March through November, the draw shall be left in the open position to vessels and will only be closed for the passage of trains and to perform periodic maintenance authorized in accordance with subpart A of this part.

(i) Trains shall be controlled so that any delay in opening of the draw shall not exceed ten minutes except as provided in §117.31(b).

(ii) Before the bridge closes for any reason, an on-site train crewmember will observe the waterway for approaching craft, which will be allowed to pass. An on-site train crewmember will then operate the bridge by radiophone. The bridge shall only be closed if an on-site train crewmember's visual inspection shows that the channel is clear and there are no vessels transiting in the area.

(iii) While the CONRAIL Railroad Bridge is moving from the full open to the full closed position, an on-site train crewmember will maintain constant surveillance of the navigational channel to ensure no conflict with maritime traffic exists. In the event of failure or obstruction, the on-site train crewmember will stop the bridge and return the bridge to the open position.

(iv) During closing of the span, the channel traffic lights will flash red, the horn will sound five short blasts, and an audio voice warning device will announce bridge movement, and the bridge will close. When the bridge is seated and locked down to vessels, the channel traffic lights will continue to flash red. When the rail traffic has cleared the swing span, the horn will sound one prolonged blast followed by one short blast to signal the draw of the CONRAIL Railroad Bridge is about to return to its full open position to vessels.

(v) During open span movement, the channel traffic

COAST PILOT 3 (Continued)

lights will flash red, the horn will sound one prolonged blast followed by one short blast, then a pause, and an audio voice warning will announce bridge movement until the bridge is in the full open position. In the full open position, the channel traffic lights will flash green.	Page 273—Paragraph 37, lines 3 to 7; read: and gravel. In June 2003, the controlling depths were 6.8 feet through the entrance and up the river channel to Daybeacon 15, thence 5.1 feet in the north half and 3.8 feet in the south half of the river channel to Daybeacon 17, and thence 6.4 feet to Smithfield.
(2) From December to February, the draw may be left in the closed position and opened on signal if at least four hours notice is given by telephone at (856) 231-2393. (FR 04/20/04)	(CL 90/04; BP 182407-12) 21/04
COAST PILOT 3	37 Ed 2004
Change No. 3	
Page 177—Paragraph 34, lines 3 to 5; read: Manasquan River. In August 2003-January 2004, the controlling depth was 8.8 feet (10.5 feet at midchannel) in the inlet through the jetties; thence in August 2003, 3.2 feet (6.7 feet at midchannel) to the ... (BP 182721)	21/04
Page 180—Paragraph 41, line 5; read: charted. In December 2003, the controlling depth was 9.3 feet (10.9 feet at midchannel) ... (BP 182722)	21/04
Page 184—Paragraph 77, lines 2 to 3; read: miles west of Cape May Inlet. In April 2003-February 2004, the controlling depth was 11.5 feet (14.1 feet at midchannel) ... (BP 182691)	21/04
Page 191—Paragraph 27, lines 3 to 5; read: to the first bridge. In August 2003-January 2004, the controlling depth was 8.8 feet (10.5 feet at midchannel) in the inlet through the jetties; thence in August 2003, 3.2 feet (6.7 feet at ... (BP 182721)	21/04
Page 192—Paragraph 31, lines 5 to 8; read: the bridge decreasing to 2 feet above it. (BP 182659; NOS 12324)	21/04
Page 267—Paragraph 174, line 12; read: two forks. In December 2003, the controlling depth was ... (CL 427/04; BP 182961)	21/04
Page 267—Paragraph 174, line 12; read: two forks. In December 2003, the controlling depth was ... (CL 427/04; BP 182961)	21/04
Page 267—Paragraph 177, line 4; read: head. In July 2003, a controlling depth of 2.6 feet was (CL 17/04; BP 182336)	21/04
Page 272—Paragraph 23, lines 4 to 5; read: channel into Bennett Creek. In July 2003, the controlling depth was 3.2 feet in the entrance channel to the ... (CL 16/04; BP 182335)	21/04
Page 287—Paragraph 85, lines 4 to 5; read: the upper part of the harbor. In September 2003, the controlling depth was 6.7 feet in the dredged channel; thence ... (BP 182924)	21/04
Page 290—Paragraph 138, lines 3 to 4; read: buoys. In September-October 2003, the controlling depth was 4.0 feet in the ... (BP 182343; CL 19/04)	21/04
Page 336—Paragraph 45, lines 9 to 11; read: In June 2003, the controlling depth was 2.8 feet (4.5 feet at midchannel) to the turning basin, thence depths of 5.4 to 5.9 feet were in the basin. (BPs 182953-55)	21/04
COAST PILOT 4	35 Ed 2003
Change No. 28	
	LAST NM 20/04
Page 352—Paragraph 100, line 5; read: anchorage in Savannah River except in an emergency. It is recommended that no vessel, regardless of size, anchor within a two-mile radius of Tybee Lighted Whistle Buoy T. (CL 428/04)	21/04
Page 353—Paragraph 115, line 18; read: Whistle Buoy T (31°57'54"N., 80°43'12"W.). It is recommended that all deep draft vessels make preparations to be boarded by the Savannah Pilots in a rectangular area enclosed by the following points: 31°57'49"N., 80°40'30"W.; 31°56'54"N., 80°38'24"W.; 31°55'08"N., 80°39'32"W.; 31°56'05"N., 80°41'36"W. Ships are ... (CL 428/04)	21/04
COAST PILOT 7	36 Ed 2004
Change No. 9	
	LAST NM 20/04
Page 212—Paragraph 3676, line 3; read: portion of the restricted area described in §334.870(b) ... (33 CFR 334)	21/04
Page 217—Paragraph 3855, line 4; read: Army Base, shall enter this area.	
§334.1065 U.S. Coast Guard Station, San Francisco Bay, Yerba Buena Island, San Francisco Bay, California; Restricted Area.	
(a) <i>The area.</i> San Francisco Bay on the east side of Yerba Buena Island: From a point along the southeastern shore of	

COAST PILOT 7 (Continued)

Yerba Buena Island at latitude 37°48'27" North, longitude 122°21'44" West; east to latitude 37°48'27" North, longitude 122°21'35" West: north to latitude 37°48'49" North, longitude 122°21'35"West, a point on the northeastern side of Yerba Buena Island.

(b) *The regulation.* (1) All persons and vessels are prohibited from entering the waters within the Restricted Area for any reason without prior written permission from the Commanding Officer of the Coast Guard Group San Francisco on Yerba Buena Island.

(2) Mooring, anchoring, fishing, transit and/or swimming shall not be allowed within the Restricted Area without prior written permission from the Commanding Officer of the Coast Guard Group San Francisco on Yerba Buena Island.

(c) *Enforcement.* The regulation in this section shall be enforced by the Commanding Officer fo the Coast Guard Group San Francisco on Yerba Buena Island, and such agencies and persons as he/she shall designate.

(FR 04/16/04)

21/04

Page 219—Paragraph 3878, line 4; read:
designate.

§334.1126 Naval Base Ventura County, Point Mugu, California; Restricted Area.

(a) *The area.* The restricted area at Naval Base Ventura County Point Mugu incorporates its shorelines and connects the following points:

34°07'9.9"N., 119°09'35.6"W. (up-coast shoreline point);

34°07'00.0"N., 119°09'46.7"W.,

34°06'44.9"N., 119°09'22.5"W.,

34°06'30.2"N., 119°08'59.0"W.,

34°06'20.5"N., 119°08'46.7"W.,

34°06'08.4"N., 119°08'25.2"W.,

34°05'53.7"N., 119°07'59.5"W.,

34°05'45.9"N., 119°07'41.5"W.,

34°05'40.1"N., 119°07'21.0"W.,

34°05'33.6"N., 119°06'58.1"W.,

34°05'31.2"N., 119°06'37.9"W.,

34°05'31.0"N., 119°06'22.2"W.,

34°05'32.9"N., 119°06'14.4"W.,

34°05'44.7"N., 119°05'54.0"W.,

34°05'45.2"N., 119°05'43.5"W.,

34°05'41.0"N., 119°05'21.2"W.,

34°05'42.2"N., 119°05'13.3"W.,

34°05'27.8"N., 119°04'49.5"W.,

34°05'17.9"N., 119°04'27.9"W.,

34°05'05.7"N., 119°03'59.9"W.,

34°05'17.9"N., 119°03'55.4"W. (down-coast shoreline point).

(b) *The regulation.* No vessels may enter the restricted area unless permission is obtained in advance from the Commanding Officer of Naval Base Ventura County, Contact Naval Base Ventura County Security at (805) 989-7907.

(c) *Enforcement.* The regulation in this section, promulgated by the United States Army Corps of Engineers, shall be enforced by the Commanding Officer of Naval Base Ventura County, and such agencies or persons as he/she may

designate.

§334.1127 Naval Base Ventura County, Port Hueneme, California; Restricted Area.

(a) *The area.* The waters within Port Hueneme Harbor, beginning at the seaward ends of the two Port Hueneme Harbor entrance jetties, with the northwestern entrance jetty end occurring at 34°8'37.0"N., 119°12'58.8"W., and the southeastern entrance jetty occurring at 34°8'34.8"N., 119°12'43.2"W., and extending northeasterly to the shoreline.

(b) *The regulation.* No vessels or persons may enter the restricted area unless permission is obtained in advance from the Commanding Officer of Naval Base Ventura County. Commercial vessels that are required to make Advanced Notifications of Arrival shall continue to do so. All vessels must obtain clearance from "Control 1" over marine radio channel 06 VHF-FM prior to crossing the COLREGS (Collision Regulations) demarcation line. Vessels without marine radio capability must obtain clearance in advance by contacting "Control 1" via telephone at (805) 982-3938 prior to crossing the COLREGS demarcation line. The COLREGS demarcation line is defined as a line approximately 1,500 feet in length connecting the seaward limits or ends of the two Port Hueneme Harbor entrance jetties, with the northwestern jetty end occurring at 34°08'37.0"N., 119°12'58.8"W., and the southeastern entrance jetty occurring at 34°08'34.8"N., 119°12'43.2"W. (NAD 83).

(c) *Enforcement.* The regulation in this section, promulgated by the United States Army Corps of Engineers, shall be enforced by the Commanding Officer of Naval Base Ventura County, and such agencies or persons as he/she may designate.

(FR 04/16/04)

21/04

Page 276—Paragraph 475, line 1; read:

Chart 18724

Point Hueneme (pronounced: y-nee-me), 22 miles ...

(NOS 18724)

21/04

Page 278—Paragraph 503, line 1; read:

Chart 18725

Channel Islands Harbor, 1 mile NW of Port ...

(NOS 18725)

21/04

COAST PILOT 8

25 Ed 2003

**Change No. 21
LAST NM 20/04**

Page 130—Paragraph 21, lines 1 to 5; read:

Langara Point Light (54°15'24"N., 133°03'30"W.), 160 feet (49 m) above the water, is shown from an octagonal tower on the NW end of Langara Island. A white dwelling is about 135 yards (123 m) E of ...

(LL/04; CL 1497/01)

21/04

Page 130—Paragraph 24, lines 1 to 3; read:

Cape Muzon Light (54°39'51"N., 132°41'30"W.), 80 feet (24.4 m) above the water, is shown from a spindle with a red

COAST PILOT 8 (Continued)

	COAST PILOT 8	25 Ed 2003	Change No. 22
and white diamond-shaped daymark ... (LL/04)	21/04		
Page 130—Paragraph 26, lines 8 to 9; read: bare hill, with rounded top. Point Marsh Light (54°42'42"N., 132°17'43"W.), 74 feet (23 m) above the water, ... (LL/04)	21/04	Page 141—Paragraph 189, lines 4 to 5; read: (55°05'17"N., 131°03'10"W.), 33 feet (10.1 m) above the ... (LL/04)	21/04
Page 131—Paragraph 41, lines 2 to 4; read: Island, is about 23 miles E of Cape Muzon. Cape Chacon Light (54°41'26"N., 132°01'01"W.), 50 feet (15 m) above the water, is shown from a frame with a red and white diamond-shaped ... (LL/04)	21/04	Page 141—Paragraph 192, line 5; read: at high water. Hog Rocks Light (55°10'41"N., 131°16'59"W.), ... (LL/04)	21/04
Page 132—Paragraph 57, lines 5 to 6; read: Barren Island Light (54°44'38"N., 131°21'03"W.), 85 feet (26 m) above the water, is shown from a spindle with a ... (LL/04)	21/04	Page 141—Paragraph 197, line 1; read: Angle Point Light (55°14'19"N., 131°25'37"W.), 24 ... (LL/04)	21/04
Page 133—Paragraph 66, line 1; read: Holliday Island Light (54°37'24"N., 130°45'30"W.), 21 ... (LL/04)	21/04	Page 142—Paragraph 204, line 3; read: Spire Island Reef Light SI (55°16'05"N., 131°29'59"W.), ... (LL/04)	21/04
Page 133—Paragraph 72, line 3; read: (54°46'49"N., 130°47'58"W.), 46 feet (14 m) above the water, ... (LL/04)	21/04	Page 142—Paragraph 206, line 1; read: Mountain Point Light (55°17'37"N., 131°32'55"W.), ... (LL/04)	21/04
Page 134—Paragraph 80, line 3; read: Tongass Reef Daybeacon (54°47'13"N., 130°44'40"W.) on ... (LL/04)	21/04	Page 143—Paragraph 229, line 2; read: (55°19'08"N., 131°38'35"W.), 18 feet (5.5 m) above the water, ... (LL/04)	21/04
Page 135—Paragraph 93, lines 3 to 4; read: Male Point. Pearse Canal Island Light (54°47'06"N., 130°36'30"W.), 18 feet (5.5 m) above the water, is shown ... (LL/04)	21/04	Page 147—Paragraph 290, line 4; read: (55°22'28"N., 131°44'19"W.), 15 feet (4.6 m) above the water, ... (LL/04)	21/04
Page 136—Paragraph 112, line 4; read: (55°17'12"N., 129°58'24"W.), 21 feet (6.4 m) above the ... (LL/04)	21/04	Page 148—Paragraph 306, lines 3 to 4; read: (55°24'48"N., 131°48'09"W.), 24 feet (7.3 m) above the water ... (LL/04)	21/04
Page 137—Paragraph 124, line 7; read: (55°54'42"N., 129°59'24"W.), 12 feet (3.7 m) above the water, ... (LL/04)	21/04	Page 149—Paragraph 309, lines 3 to 4; read: the W entrance to Tongass Narrows. Guard Islands Light (55°26'45"N., 131°52'52"W.), 74 feet (23 m) above ... (LL/04)	21/04
Page 139—Paragraph 158, line 1; read: Black Rock Light (55°01'25"N., 131°03'35"W.), 55 feet ... (LL/04)	21/04	Page 151—Paragraph 345, line 4; read: (55°55'32"N., 131°36'54"W.), 18 feet (5.5 m) above the water, ... (LL/04)	21/04
Page 317—Paragraph 62, line 9; read: 1 fathom. Inside, the depths are 3 to 12 fathoms, ... (H-10861)	21/04	Page 152—Paragraph 352, line 3; read: (55°53'03"N., 131°44'46"W.), 12 feet (3.7 m) above the water, ... (LL/04)	21/04
		Page 153—Paragraph 359, line 5; read: Bushy Point Light (55°43'52"N., 131°43'56"W.), 18 feet (5.5 m) above ... (LL/04)	21/04

COAST PILOT 8 (Continued)

Page 154—Paragraph 369, lines 5 to 6; read: entrance point is marked by Helm Bay Light (55°34'50"N., 131°55'43"W.), 14 feet (4.3 m) above the water, shown ... (LL/04)	21/04	Page 176—Paragraph 282, line 6; read: Light (55°35'56"N., 132°12'11"W.), 40 feet (12.2 m) ... (LL/04)	21/04
Page 154—Paragraph 379, line 4; read: Grant Island Light (55°33'16"N., 131°43'44"W.), 18 feet (5.5 m) ... (LL/04)	21/04	Page 178—Paragraph 312, lines 3 to 4; read: shore in its vicinity. Narrow Point Light (55°47'27"N., 132°28'35"W.), 35 feet (10.6 m) above the water, is shown ... (LL/04)	21/04
COAST PILOT 8	25 Ed 2003	Change No. 23	
Page 158—Paragraph 30, lines 3 to 4; read: point, is marked by McLean Point Light (54°47'30"N., 131°57'24"W.), 58 feet (17.7 m) above the water and ... (LL/04)	21/04	Page 178—Paragraph 314, line 10; read: (55°53'16"N., 132°35'53"W.), 20 feet (6.1 m) above the water, ... (LL/04)	21/04
Page 160—Paragraph 60, lines 1 to 2; read: Moira Rock Light (55°04'58"N., 131°59'54"W.), 40 feet (12.2 m) above the water, is shown from a skeleton tower ... (LL/04)	21/04	Page 182—Paragraph 354, line 1; read: Lincoln Rock West Light (56°03'24"N., 132°41'50"W.), 58 feet (17.7 m) above the water, is shown from a skeleton tower with a red and white diamond-shaped ... (LL/04)	21/04
Page 163—Paragraph 90, line 11; read: Island Light (55°18'05"N., 132°04'22"W.), 33 feet (10 m) ... (LL/04)	21/04	Page 183—Paragraph 369, lines 2 to 3; read: NW of Coffman Island. Beck Island Light (56°02'51"N., 132°51'45"W.), 27 feet (8.2 m) above the water, is shown ... (LL/04)	21/04
Page 165—Paragraph 122, lines 6 to 8; read: E or W. Point Davison Light (54°59'40"N., 131°36'51"W.), 33 feet (10.1 m) above the water, is shown from a spindle with a red and white diamond-shaped ... (LL/04)	21/04	Page 184—Paragraph 383, line 1; read: Kashevarof Passage Light (56°10'47"N., 133°01'18"W.), ... (LL/04)	21/04
Page 168—Paragraph 170, line 1; read: Warburton Island Light (55°07'56"N., 131°38'01"W.), ... (LL/04)	21/04		
Page 170—Paragraph 203, lines 5 to 6; read: N from the point. Driest Point Light 4 (55°10'35"N., 131°36'23"W.), 29 feet (8.8 m) above the water, is shown ... (LL/04)	21/04		
Page 170—Paragraph 208, line 7; read: (55°15'59"N., 131°38'23"W.), 37 feet (11 m) above the ... (LL/04)	21/04		
Page 173—Paragraph 244, line 1; read: Skowl Point Light (55°25'39"N., 132°16'11"W.), 15 ... (LL/04)	21/04		
Page 174—Paragraph 258, line 15; read: Kasaan Light (55°32'05"N., 132°23'46"W.), 12 feet (3.6 m) ... (LL/04)	21/04		

Appendix

GREENPOS/COASTAL CONTROL (KYSTKONTROL) Message Reporting Format

Format	Sailing Plan	Position Report	Deviation Report	Final Report	Remarks
A/Vessel name/call sign//	R	R	R	R	
B/Date and time of report//	R	R	R	R	See Note 1.
C/Position by latitude/longitude//	R	R	R	R	See Notes 2 and 4.
D/Position by geographic location//	R	R	R	R	See Notes 3 and 4.
E/True course//	R	R			See Notes 5 and 7.
F/Speed in knots//	R	R			See Notes 6 and 7.
I/Destination and ETA//	R				Express ETA as in Note 2.
L/Planned passage//	R				See Note 8.
Q/Defects or limitations//					See Note 9.
S/Weather and ice conditions//	R	R	R	R	See Note 10.
X/Up to 65 characters of amplifying comments//	R	O	O	O	See Note 11.

KEY

R Required

O Optional

NOTES

1. Expressed as a six-digit group, DDHHMM, using UTC, where DD is the date (from 00 to 31), HH is the hour (from 00 to 23) and MM is minutes (from 00 to 59), followed by Z.
2. Latitude is expressed as a four-digit group, DDMM, where DD is degrees (from 00 to 90) and MM is minutes (from 00 to 59), followed by N or S.
3. Longitude is expressed as a five-digit group, DDDMM, where DDD is degrees (from 000 to 179) and MM is minutes (from 00 to 59), followed by E or W.
4. Either Line C or Line D may be used.
5. Expressed as a three-digit group.
6. Expressed as a two-digit group.

7. COASTAL CONTROL—This information is required only in the Sailing Plan.

8. An abbreviated statement of planned route, e.g.: present position—great circle route to 100 miles S of Kap Farvel.

9. Details of any defects affecting ship's safety, e.g.: radar or VHF disabled.

10. Abbreviated details of weather conditions at time of report and ice conditions since last report, e.g.: SW5, ice edge seen from 6100N 03905W—state if ice not seen.

11. For Sailing Plan, number of persons on board (e.g. POB 16). May also add other relevant information affecting safety of own or other vessels.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
995	- Lighted Buoy 29	45 10 26 N 67 14 38 W	Fl G 2.5s			Green can.	
		*			*		21/04
4580	Whitehead Light	43 58 43 N 69 07 27 W	Oc G 4s	75	6	Gray tower attached to red brick service room. 41	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
					*		21/04
*22451	Smith Cove Channel Buoy 1				Green can.	Private aid.	
							21/04
38115	- Lighted Buoy 60	41 42 53 N 73 56 36 W	Fl R 2.5s	4	Red.		Replaced by LIB from Dec. 1 to Apr. 1.
		*					21/04
*39421	Plattsburgh Breakwater Lighted Buoy NE	44 41 45 N 73 26 13 W	Q W			White and orange.	
							21/04
*39422	Plattsburgh Breakwater Lighted Buoy NW	44 41 41 N 73 26 23 W	Q W			White and orange.	
							21/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1965	Hog Island Shoal Lighted Buoy 6	39 15 24 N 75 15 23 W	Fl R 4s	4	Red.		
		*					*
							21/04
	Whiting Creek						
15205	- Channel Buoy 2W	37 37 03 N 76 30 39 W			Red nun.		
		*	*				21/04
15605	- RANGE FRONT LIGHT	37 55 18 N 76 51 10 W	Q W	15	KWR on pile.	Visible all around; higher intensity on rangeline.	
		*					21/04
17875	Riverside Warning Daybeacon	38 35 46 N 77 14 45 W			NW on pile.		
		*					21/04
*28961	-Buoy 23				Green can.		
							21/04
28962.1	- Buoy 24A				Red nun.		
		*			*		21/04

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 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*28962.2	-Buoy 25				Green can.		
							21/04
	Pamlico Sound						
32180	HOG ISLAND SHOAL LIGHT		Fl R 4s	15	3	TR on pile.	*
							21/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30745.5	- RANGE FRONT PASSING LIGHT						Remove from list.
							*
							21/04
30750	- RANGE REAR LIGHT 1,335 yards, 187.7° from front light.						Remove from list.
							*
							21/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
APALACHEE BAY (Chart 11405)							
5	Ochlockonee Shoals Lighted Buoy 24	29 51 27 N 84 10 20 W	Fl R 4s		4	Red.	
		*			*		
							21/04
125	Cape San Blas Outer Shoal Lighted Bell Buoy 30	29 28 32 N 85 29 50 W	Fl R 6s		4	Red.	
		*			*		
							21/04
185 3920	Pensacola Bay Entrance Lighted Gong Buoy 1	30 16 16 N 87 17 33 W	Fl G 2.5s		4	Green.	
		*			*		
							21/04
465 12635	Southwest Pass Entrance Lighted Whistle Buoy SW	28 52 39 N 89 25 55 W	Mo (A) W Fl W 2.5s	6 9	Red and white stripes with red spherical topmark.	High intensity flash tube: Fl W 2.5s.	
		*			*		
							21/04

MISSISSIPPI RIVER TO GALVESTON (Chart 11340)

635 16515	Belle Pass Entrance Lighted Bell Buoy 2	29 04 16 N 90 13 40 W	Q R		4	Red.	
		*		*	*		
							21/04
710	Ship Shoal Obstruction Lighted Buoy D	28 52 54 N 90 50 03 W	Fl (2) W 5s		5	Black with red band and two black spherical topmarks.	
					*		
							21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PENSACOLA BAY ENTRANCE (Chart 11384)							
Pensacola Bay							
3920 185	- Entrance Lighted Gong Buoy 1	30 16 16 N 87 17 33 W	Fl G 2.5s	4	Green.		
		*		*			21/04
12585	OYSTERVILLE LIGHT 9		Iso G 6s	17	5 SG on piles.		
				*			21/04
12635 465	- Entrance Lighted Whistle Buoy SW	28 52 39 N 89 25 55 W	Mo (A) W Fl W 2.5s	6 9	Red and white stripes with red spherical topmark.	High intensity flash tube: Fl W 2.5s.	
		*		*			21/04
*15357	BARATARIA PASS SURVEY LIGHT A	29 16 16 N 89 56 41 W	Fl Y 2.5s	8	On four pile cluster.	Private aid.	
							21/04
16515 635	- Entrance Lighted Bell Buoy 2	29 04 16 N 90 13 40 W	Q R	4	Red.		
		*	*	*			21/04
*Delete Heading: *Orange County Pier							
22225	NAVY PIER 5 LIGHTS (2)		F G	10	On dolphin.	Maintained by U.S. Navy.	
							21/04
Orange County Pier							
22245	- Orange County Pier 6		Q G	10	On pile.	Private aid.	
		*					21/04
22260	- Orange County Pier 3		Q G	10	On pile.	Private aid.	
		*					21/04
22265	- Orange County Pier 2		Q G	10	On pile.	Private aid.	
		*					21/04
Queen Isabella Causeway							
40552	- NORTHEAST DANGER LIGHTS (4)	26 04 54 N 97 11 51 W	Fl W 2.5s	12	On pile structure.	Private aids.	
		*	*		*	*	21/04
40552.1	- NORTHWEST DANGER LIGHTS(5)	26 04 54 N 97 12 02 W	Fl W 2.5s	12	On pile structure.	Private aids.	
		*	*		*	*	21/04
40552.15	- SOUTHWEST DANGER LIGHTS (5)	26 04 52 N 97 12 01 W	Fl W 2.5s	9	On pile structure.	Private aids.	
		*	*		*	*	21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*40552.2	- SOUTHEAST DANGER LIGHTS (4)	26 04 57 N 97 11 50 W	Fl W 2.5s	12		On pile structure.	Private aids. 21/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*298	MBARI MOOS Research Buoy	36 49 00 N 122 16 00 W	Fl Y 6s	10		Yellow.	Private aid. 21/04
586	PORT ORFORD JETTY LIGHT 3	42 44 16 N 124 29 50 W	Fl G 2.5s	15	4	SG on skeleton tower.	Ra ref. * 21/04
650	Yaquina Head Light	44 40 36 N 124 04 46 W	Fl (2) W 20s 2s fl 2s ec. 2s fl 14s ec.	162	19	White conical tower. 93	Lighted throughout 24 hours. Emergency light Iso W 6s, operates at reduced intensity. 21/04
1120 25480	EGG ISLAND LIGHT E	60 22 00 N 145 45 14 W	Fl W 6s	33	9	NR on skeleton tower.	 * 21/04
1698	Naval Training Center Bait Barge Lighted Mooring Buoys (2)						Remove from list. * 21/04
7835	- CHANNEL LIGHT 11	38 18 40 N 123 03 17 W	Fl G 2.5s	15	3	SG on pile.	 * * * 21/04
7870	- CHANNEL LIGHT 19	38 19 03 N 123 03 09 W	Fl G 6s	15	3	SG on pile.	 * * * 21/04
7910	- CHANNEL LIGHT 27	38 19 28 N 123 03 10 W	Fl G 4s	15	3	SG on pile.	 * * * 21/04
7915	- Channel Daybeacon 28	38 19 28 N 123 03 07 W				TR on pile.	 * * * 21/04
7935	- CHANNEL LIGHT 32	38 19 40 N 123 03 08 W	Fl R 4s	15	3	TR on pile.	 * * 21/04
8635	- Entrance Daybeacon 9	42 02 46 N 124 16 13 W		12		SG on pile.	 * 21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8690	- ENTRANCE RANGE FRONT LIGHT	43 07 15 N 124 24 45 W	Q W	15		KRB on skeleton tower.	Visible 4° each side of rangeline. *
							21/04
8695	- ENTRANCE RANGE REAR LIGHT 304 yards, 102° from front light.		Iso W 6s	44		KRB on skeleton tower.	Visible 4° each side of rangeline.
				*			21/04
8700	- SOUTH JETTY LIGHT 8	43 07 22 N 124 25 47 W	Fl R 4s	30	6	TR on white masonry building.	HORN: 1 blast ev 30s (3s bl). Operates continuously.
				*			21/04
8762	- North Jetty Fog Signal	43 21 31 N 124 20 41 W		6			HORN: 1 blast ev 30s (3s bl). Fog signal sounded continuously from Jun. 1 to Sep. 15.
			*				21/04
8770	- LEADING LIGHT	43 21 02 N 124 20 11 W	Q W	90	4	NB on skeleton tower.	Visible from 138° to 279°.
			*				21/04
8805	- INSIDE RANGE B FRONT LIGHT	43 22 08 N 124 18 52 W	Q W	20		KRB on pile structure.	Visible 4° each side of rangeline.
			*				21/04
8815	- RANGE A FRONT LIGHT	43 21 40 N 124 19 14 W	Q W	19		KRB on pile structure.	Visible 4° each side of rangeline.
			*				21/04
8845	- RANGE B FRONT LIGHT	43 23 17 N 124 17 07 W	Q R	21		KRB on pile structure.	Visible 1.5° each side of rangeline.
			*				21/04
8865	- B FRONT LIGHT	43 24 49 N 124 16 21 W	Q R	19		KRB on dolphin.	Visible 4° each side of rangeline.
			*				21/04
8940	JARVIS DIKE 6.8 LIGHT 19	43 25 01 N 124 16 36 W	Fl G 4s	15	3	SG on dolphin.	
			*				21/04
9930	Peacock Spit Lighted Bell Buoy 7	46 15 09 N 124 05 59 W	Q G		3	Green.	
			*				21/04
10891	PORT OF KALAMA DOCK LIGHT A	46 02 40 N 122 52 35 W	Fl Y 6s			On mooring dolphin.	Private aid.
			*	*			21/04
10892	PORT OF KALAMA DOCK LIGHT B	46 02 38 N 122 52 36 W	Fl Y 6s			On mooring dolphin.	Private aid.
			*	*			21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10893	PORT OF KALAMA DOCK LIGHT C	46 02 33 N 122 52 36 W	Fl Y 6s			On mooring dolphin.	Private aid.
	*	*					21/04
10894	PORT OF KALAMA DOCK LIGHT D	46 02 31 N 122 52 35 W	Fl Y 6s			On mooring dolphin.	Private aid.
	*	*					21/04
12455	- LIGHT 11	45 42 09 N 120 27 38 W	Fl G 6s	55	4	SG on skeleton tower. 16	
	*						21/04
12740	UMATILLA MARINA ENTRANCE LIGHT 1	45 55 35 N 119 19 56 W	Fl G 6s	15	4	SG on pile.	
	*						21/04
12873	- Pump Station Safety Zone Lighted Buoys (2)						Remove from list.
							*
13010	- Junction Daybeacon	46 09 29 N 118 59 54 W		10		JG on pile.	Ra ref.
	*						21/04
13030	- Daybeacon 42	46 11 29 N 119 01 34 W		15		TR on pile.	Ra ref.
	*						21/04
13060	- Daybeacon 52	46 14 02 N 119 11 26 W		10		TR on dolphin.	
	*						21/04
13075	- Daybeacon 59	46 14 23 N 119 12 52 W		17		SG on pile.	Ra ref.
	*						21/04
13085	- Daybeacon 68	46 16 23 N 119 15 43 W		20		TR on dolphin.	Ra ref.
	*						21/04
13605	- LIGHT 28	46 36 56 N 118 14 41 W	Fl R 4s	24	4	TR on skeleton tower.	
	*						21/04
13655	McGUIRE RANGE FRONT LIGHT	46 34 25 N 118 04 37 W	Q R	20		KRB on multipile.	Visible all around; higher intensity on rangeline.
	*						21/04
13770	- LIGHT 16	46 40 21 N 117 46 33 W	Fl R 6s	25	4	TR on multipile.	
	*						21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)							
Franklin D. Roosevelt Lake							
Aids maintained from Jun. 15 to Oct. 1.							
14125	- LIGHT A	47 56 49 N 118 56 08 W	Fl W 4s	12	5	NR on box.	
		*					21/04
14165	- Buoy 8	47 55 48 N 118 41 58 W				Red nun.	
		*					21/04
14215	- LIGHT A	47 56 18 N 118 15 22 W	Fl W 4s	44	5	NR on skeleton tower.	
		*					21/04
14220	- LIGHT B	47 56 48 N 118 12 46 W	Fl W 6s	16	5	NR on skeleton tower.	
		*					21/04
15385	- CHANNEL LIGHT 59	46 40 47 N 123 45 59 W	Fl G 2.5s	15	3	SG on pile structure.	
		*					21/04
South Willapa Bay							
15400	- LIGHT 3	46 41 16 N 123 59 40 W	Fl G 6s	15	4	SG on pile.	
		*					21/04
15410	- LIGHT 7	46 36 35 N 123 58 29 W	Fl G 4s	22	4	SG on pile structure.	Higher intensity beam up channel.
		*					21/04
Nahcotta Channel							
15420	- LIGHT 10	46 34 17 N 123 58 41 W	Fl R 4s	22	5	TR on dolphin.	
		*					21/04
15425	- Daybeacon 11	46 33 47 N 123 57 41 W				SG on pile.	
		*					21/04
15430	- Daybeacon 12	46 32 41 N 123 59 11 W				TR on pile.	
		*					21/04
15435	LONG ISLAND JUNCTION LIGHT	46 32 17 N 123 58 41 W	Fl (2+1) G 6s	15	5	JG on dolphin.	Higher intensity beam up and down channel.
		*					21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15440	- Daybeacon 13	46 30 41 N 124 00 17 W				SG on pile.	
		*					21/04
15485	STANLEY POINT JUNCTION LIGHT	46 27 41 N 123 56 17 W	Fl (2+1) R 6s	15	4	JR on pile.	Higher intensity beam down channel. Ra ref.
		*					21/04
15500	- LIGHT 6	46 38 24 N 123 58 20 W	Fl R 4s	21	4	TR on pile.	Higher intensity beam upstream.
		*					21/04
15515	- LIGHT 11	46 38 51 N 123 57 06 W	Fl G 4s	18	4	SG on pile structure.	Higher intensity beam down channel.
		*					21/04
15525	PALIX RIVER LIGHT 15	46 37 54 N 123 56 36 W	Fl G 4s		4	SG on dolphin.	
		*					21/04
15526	Palix River Buoy 16	46 37 52 N 123 56 48 W				Red nun.	
		*					21/04
15635	- SOUTH REACH LIGHT 16	48 55 08 N 124 05 00 W	Fl R 4s	15	5	TR on dolphin.	Higher intensity beam up and down channel.
		*					21/04
15660	- South Reach Lighted Junction Buoy SC	46 55 19 N 124 02 49 W	Fl (2+1) R 6s		4	Red and green bands.	
		*					21/04
15830	- Turning Basin Daybeacon A	46 57 34 N 123 51 04 W				NR on pile.	
		*					21/04
15840	GRAYS HARBOR NORTH CHANNEL LIGHT 51	46 57 39 N 123 50 47 W	Fl G 4s	15	4	SG on dolphin.	
		*					21/04
15885	- HARBOR LIGHT 1	46 58 26 N 123 48 23 W	Q G	20	4	SG on dolphin.	
		*					21/04
15955	JOHNS RIVER ENTRANCE LIGHT 8	46 55 22 N 124 00 34 W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
		*					21/04
15965	Johns River Daybeacon 3	46 54 52 N 123 59 59 W				SG on pile.	
		*					21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16747	Puget Sound Research Buoy	47 45 41 N 122 23 48 W	Q (5) Y 20s		3	Orange and white warning buoys mark mooring cables.	Private aid. 21/04
16910	Duwamish Head Light	47 35 56 N 122 23 16 W	Fl W 2.5s	15	15	NB on pile structure.	Obscured from 324° to 045°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). *
							21/04
	Blair Waterway						
17166	Light 3	47 16 21 N 122 24 09 W	Iso G 6s	53	10	Skeleton tower.	Lighted throughout 24 hours. *
							21/04
17167	Light 4	47 16 18 N 122 24 13 W	Iso R 6s	53	10	Skeleton tower.	Lighted throughout 24 hours. *
							21/04
17168	Light 5	47 16 19 N 122 24 05 W	Oc G 4s	53	10	Skeleton tower.	Lighted throughout 24 hours. *
							21/04
17169	Light 6	47 16 16 N 122 24 09 W	Oc R 4s	53	10	Skeleton tower.	Lighted throughout 24 hours. *
							21/04
17207	Hylebos Waterway Mooring Buoy (2)	47 16 30 N 122 23 00 W				White steel mooring balls.	Private aid. *
							21/04
	*Add Heading: Cooper River						
*19743	SHERMAN DOCK LIGHT	48 36 10 N 123 09 57 W	Fl Y 6s				Private aid. *
							21/04
*19778	Reid Harbor Line Mooring System Lighted Buoys (3)	48 40 22 N 123 11 49 W	Fl Y 10s		3	Yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid. *
							21/04
19798	Prevost Harbor Line Mooring System Lighted Buoys (3)	48 40 45 N 123 11 48 W	Fl Y 10s		3	yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid. *
							21/04
19853	Echo Bay Line Mooring System Lighted Buoys (3)	48 45 37 N 122 54 28 W	Fl Y 10s		3	yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid. *
							21/04
19854	Echo Bay Line Mooring System Lighted Buoys (3)	48 45 37 N 122 54 23 W	Fl Y 10s		3	yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid. *
							21/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21530	KINGS CREEK JUNCTION LIGHT KC						<i>Remove from list.</i>
							*
							21/04
	Revillagigedo Channel						
21920	EAST ISLAND LIGHT	54 52 15 N 131 11 45 W	Fl W 2.5s	43	7	NR on skeleton tower.	Obscured from 014° to 184°.
				*			21/04
	Felice Strait						
21985	Indian Rock Lighted Buoy 6	55 01 49 N 131 20 50 W	Fl R 4s	3	Red.		
				*			21/04
	Tamgas Harbor						
22010	-ENTRANCE LIGHT	55 01 19 N 131 30 50 W	Fl W 4s	30	6	NR on skeleton tower.	
				*			21/04
22030	POINT McCARTEY LIGHT	55 06 49 N 131 42 26 W	Fl W 6s	44	5	NR on skeleton tower.	Obscured from 080° to 090°, and from 113° to 197°.
				*			21/04
25480 1120	EGG ISLAND LIGHT E	60 22 00 N 145 45 14 W	Fl W 6s	33	9	NR on skeleton tower.	
				*			21/04
25751	<i>Seal Island Shoal Lighted Buoy</i>						<i>Remove from list.</i>
							*
							21/04
	Sampan Channel						
28805	- Entrance Lighted Buoy 2	21 28 10 N 157 46 38 W	Fl R 2.5s	4	Red.		
				*			21/04
40552	- NORTHEAST DANGER LIGHTS (4)						<i>Remove from list.</i>
							*
							21/04
40552.1	- NORTHEAST DANGER LIGHTS (5)						<i>Remove from list.</i>
							*
							21/04
40552.15	- SOUTHWEST DANGER LIGHTS (5)						<i>Remove from list.</i>
							*
							21/04
40552.2	- SOUTHEAST DANGER LIGHTS (4)						<i>Remove from list.</i>
							*
							21/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
850	- <i>Lighted Buoy 124</i>						<i>Remove from list.</i>
							*
							21/04
5925	- <i>Lighted Buoy 2</i>		Fl R 4s		3	Red.	
		*			*		
							21/04
8570	- <i>Lighted Buoy 30</i>		Q R		4	Red.	LIB; Winter marker, Q R.
			*				*
							21/04
9965	BLACK RIVER ENTRANCE LIGHT 1	42 58 21 N 82 25 10 W	Fl G 4s	29 9	3	SG on pile.	
		*	*	*	*	*	
							21/04
BEAVER BAY TO PIGEON POINT (Chart 14967)							
16540	NOAA Lighted Weather Buoy 45006	44 20 53 N 89 49 30 W	Fl (4) Y 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
		*					
							21/04
18067	Horse Point Lighted Buoy 3	45 13 46 N 85 03 44 W	Fl G 4s		4	Green.	Maintained from Apr. 14 to Nov. 14.
		*					
							21/04
22180	- RANGE FRONT LIGHT	44 35 24 N 87 57 30 W	Q G	43 13		KRW on cylindrical tower.	
		*					
							21/04
22235	- <i>Lighted Buoy 2</i>		Fl R 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
		*					
							21/04
*30745	- RANGE FRONT LIGHT	18 27 25 N 66 07 42 W	Q W	23 7		On skeleton tower on piles.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
							21/04
*30750	- RANGE REAR LIGHT 1,335 yards, 187.7° from front light.	18 27 18 N 66 07 43 W	Oc W 4s	56 17		On skeleton tower.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
							21/04

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5206 <i>H 2453</i>	Ile St. Ours, S. end.	45° 54.3' N 73° 13.5' W	Iso.Y. period 2s	49 15	6	White square skeleton tower; 20.	Operates at night only.
RACON		M(--)			10	*	
			*	*	*	*	21/04
5208 <i>H 2456</i>	Bellmouth Curve.	45° 55.2' N 73° 12.5' W	F.R.	73 22	15	White skeleton tower, fluorescent orange and white rectangular daymark; 39.	Visible on bearing 024°46'. Emergency light.
		*			*	*	21/04
16726 <i>J 6167.6</i>	Castillo Grande.	10° 23.4' N 75° 32.7' W	Fl.W. period 2.5s fl. 0.3s, ec. 2.2s	79 24	20	Beige stone tower; 72.	Beacons "E1" Fl G 3s 5M and "E2" Fl R 3s 4M mark small craft passage 1.5 miles W.
		*					21/04
20256 <i>G 1274</i>	Cabo Penas.	53° 51.0' S 67° 34.0' W	Fl.(2)W. period 20s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 14.5s	149 46	10	Black metal framework tower and hut; 43.	
		*	*		*		21/04
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1303 <i>G 1858.5</i>	-Molo Sur.	33° 35.2' S 71° 37.4' W	Fl.W. period 5s fl. 1s, ec. 4s	39 12	16	Red round metal structure on concrete base; 10.	Visible 030°-151°.
							21/04
*1309 <i>G 1859.2</i>	-Range, front.	33° 35.5' S 71° 37.0' W	F.R.	26 8	2	Metal pillar, white triangular daymark, red stripe; 20.	Private light.
							21/04
*1309.5 <i>G 1859.21</i>	--Rear, about 100 meters 141° from front.	33° 35.5' S 71° 36.9' W	F.R.	52 16	2	Metal pillar, white triangular daymark, red stripe; 46.	Private light.
							21/04
*1310 <i>G 1859.11</i>	-Range, front.	33° 35.6' S 71° 37.1' W	F.G.	30 9	2	Metal pillar, red rectangular daymark, white band; 26.	Private light.
							21/04
*1310.5 <i>G 1859.11</i>	--Rear, about 125 meters 164° from front.	33° 35.7' S 71° 37.1' W	F.G.	43 13	2	Metal pillar, red rectangular daymark, white band; 33.	Private light.
							21/04
CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30368 <i>E 6028.7</i>	-Boat harbor, breakwater, head.	28° 13.8' N 33° 37.3' E	F.R.				Occasional.
*							21/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1148 <i>D 1186</i>	-Pointe des Corbeaux.	46° 41.4' N 2° 17.1' W	Fl.(2+1)R. period 15s fl. 0.4s, ec. 2s fl. 0.4s, ec. 5.9s fl. 0.4s, ec. 5.9s	82 25	20	White square tower, red top; 62.	Obscured by high land of Ile d'Yeu 083°-143°. *
1168 <i>D 1189.6</i>	-Pointe de Grosse Terre.	46° 41.6' N 1° 57.8' W	Fl.(4)W.R. period 12s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	82 25	W. 18 R. 15	White truncated tower; 56.	R. 290°-339°, W. -125°, R.-145°, obsc.-290°. *
1204 <i>D 1210</i>	-Entrance Range, front.	46° 29.7' N 1° 47.7' W	Iso.R. period 4s	20 6	9	White hut, red rectangular daymark; 20.	*
1208 <i>D 1210.1</i>	--Rear, 65 meters 327° from front.	46° 29.8' N 1° 47.7' W	Dir.Iso.R. period 4s	30 9	9	White tower, red rectangular daymark; 29.	Intensified 323°30'-330°30'. *
1212 <i>D 1200</i>	-Jetee St. Nicolas, head.	46° 29.2' N 1° 47.5' W	Q.R.	52 16	8	White tower, red top; 46.	Visible 143°-094°. *
1220 <i>D 1204.1</i>	-Tour de La Chaume, entrance, W. side.	46° 29.7' N 1° 47.7' W	Q.W.	108 33	12	Gray square tower with battlements topped by small white column; 89.	On line 320° with Jetee des Sables Light. *
*2246 <i>D 1631.28</i>	-Breakwater, head.	43° 35.6' N 5° 56.8' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	49 15	5	Green round tower; 26.	Visible 106°-280°. *
4292 <i>E 0031</i>	-Dique de Benabola, elbow.	36° 29.1' N 4° 57.2' W	Fl.R. period 3s	23 7	4	Truncated masonry tower, red lantern; 13.	Siren: 1 bl. ev. 60s (bl. 5s, si. 55s). *
4704 <i>E 0166</i>	Cabo de las Huertas.	38° 21.2' N 0° 24.2' W	Fl.(5)W. period 19s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	125 38	14	White round tower; 30.	*
6232 <i>E 0555</i>	--Mole Masselin.	43° 24.0' N 3° 42.3' E	Fl.(5)G. period 20s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 9s	26 8	4	Column, white and violet bands, name "Mole Masselin" in white; 23.	*

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6564 <i>E 0630</i>	-Passe de l'Estaque, entrance to Marseille Rhone Canal, mole, head.	43° 21.5' N 5° 18.8' E	Q.R.	23 7	3	White column, red top; 26.	
				*	*		21/04
6644 <i>E 0666</i>	-Fort St. Nicolas, Vieux Port, entrance, S. side.	43° 17.6' N 5° 21.8' E	Iso.G. period 4s	26 8	1	White column, dark green top; 20.	
				*			21/04
GOLFO DELLA SPEZIA:							
7696 <i>E 1262</i>	-Isola del Tino.	44° 01.6' N 9° 51.0' E	Fl.(3)W. period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s	384 117	25	White round tower; 79.	Reserve light range 18M.
-RACON			TI(- - -) period 30s		18		
					*		21/04
7744 <i>E 1312</i>	--Entrance Range, front.	44° 05.8' N 9° 49.0' E	Fl.W.R.G. period 3s fl. 1s, ec. 2s	69 21	W. 8 R. 6 G. 6	White truncated pyramidal tower, G. 297°-305°18', W.-306°48', R.-315°. black stripe; 20. Private.	
				*			21/04
7824 <i>E 1324</i>	Lerici.	44° 04.4' N 9° 54.4' E	2 F.G. (vert.)	24 7 19 6	3	Green post.	Private light.
				*			21/04
10712 <i>E 2144.43</i>	-Pier "3", SE. corner, head.	40° 28.4' N 17° 12.9' E	F.R., F.G. (vert.)	33 10 29 9	3	Red mast, green bands; 19.	Private light.
				*			21/04
10716 <i>E 2144.44</i>	-SW. corner, head.	40° 28.4' N 17° 13.0' E	F.G., F.R. (vert.)	33 10 29 9	3	Green mast, red bands; 19.	Private light.
				*			21/04
10720 <i>E 2144.45</i>	-Pier "4", SE. corner, head.	40° 28.4' N 17° 12.5' E	F.R., F.G. (vert.)	33 10 29 9	3	Green post, red bands; 19.	Private light.
				*			21/04
14812 <i>E 3958</i>	-Akra Andromakhi.	38° 19.8' N 22° 22.5' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	53 16	10	Metal framework tower on round hut; 16.	Visible 235°-087°.
				*			21/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14816 <i>E 3960</i>	-Ormos Galaxidiou, Nisis Apsifia.	38° 22.7' N 22° 24.0' E	Fl.W. period 7s fl. 0.6s, ec. 6.4s	43 13	5	Metal framework tower on hut.	Visible 111°-357°.
			*	*			21/04
14824 <i>E 3963</i>	-Itea, pier, head.	38° 25.8' N 22° 25.5' E	Fl.R.G. period 3s fl. 0.4s, ec. 2.6s	29 9	4	White hexagonal hut, column and gallery.	G. 295°-355°, R.-030°, G.-111°.
			*				21/04
JABLAH (DJEBLE):							
21012 <i>E 5922</i>	-W. breakwater, head.	35° 21.6' N 35° 55.0' E	Q.G.	23 7	4	Black metal framework tower.	Fishing.
			*				21/04
21016 <i>E 5922.2</i>	-E. breakwater, head.	35° 21.6' N 35° 55.1' E	Q.R.	20 6	5	Black metal framework tower.	Fishing.
			*				21/04
PORT DE JOUNIE:							
21094 <i>E 5933</i>	-Yacht Basin, mole, head.	33° 59.3' N 35° 37.2' E	Fl.(2)G. period 3s fl. 0.4s, ec. 0.6s fl. 0.4s, ec. 1.6s	33 10	8	White metal framework tower, black bands.	
			*		*		21/04
21238 <i>E 5957</i>	Herzlia Marina, breakwater.	32° 10.0' N 34° 47.9' E	Fl.G. period 5s	49 15	12		Fl.R. 5s marks lee breakwater.
			*		*		21/04
21897 <i>E 6364</i>	Port de Loueta, W. coast.	35° 02.5' N 11° 02.0' E	V.Q.(3)R. period 6s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.5s	23 7	5	Red tower.	
			*				21/04
21899 <i>E 6369.2</i>	-S. jetty.	35° 13.0' N 11° 10.0' E	Fl.(2)R. period 6.5s fl. 0.5s, ec. 6s	26 8	6	Red tower.	
			*				21/04
21913 <i>E 6371.4</i>	-Outer spur, head.	35° 29.8' N 11° 04.1' E	Fl.(2)R. period 10s fl. 1s, ec. 1s fl. 2s, ec. 6s	20 6	6		
			*				21/04
24032 <i>D 2795</i>	-Punta Lantaila.	28° 13.0' N 13° 56.0' W	Fl.(2+1)W. period 18s fl. 0.4s, ec. 1.2s fl. 0.4s, ec. 7.8s fl. 0.4s, ec. 7.8s	643 196	21	Tower on building: 39.	
					*		21/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*24049 D 2781.5	-Marina Rubicon, mole, head.	28° 51.4' N 13° 49.1' W	Fl.(4)G. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 8.5s	13 4	5	Green metal tower.	

21/04

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
1620	Punta Lantailla Light Station						Remove from list.

*

21/04

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6196 A 5584	Watchet Harbor, W. breakwater.	51° 11.0' N 3° 19.8' W	Oc.G. period 3s lt. 2.5s, ec. 0.5s	31 9	9	Red hexagonal metal tower, white lantern, green cupola; 16.	

* *

21/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8247 C 7087.3	-SE. Granso.	57° 44.1' N 16° 43.3' E	I.V.Q.Y. period 6s	13 4	3	Yellow pole; 13.	Visible 270°-030°. Radar reflector.
			*				21/04
*17000 C 4680.6	Katanpaa Range, front.	60° 36.8' N 21° 09.8' E	Q.W.	34 10	5	Red rectangular daymark, yellow stripe.	Visible 181°-189°.

21/04

*17000.1 C 4680.61	-Rear, 185° from front.	60° 36.6' N 21° 09.8' E	L.FI.W. period 6s fl. 2s, ec. 4s	67 20	6	Red rectangular daymark, yellow stripe.	Visible 181°-189°.
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21/04

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SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 21/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
NGA HYDRO CATALOG CATP2V01U			SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21/04	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21/04	
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20/04	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03	SDPUB181	2002	38*,39/02	
Region 3	2002	1/03*;19/04	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12, 16/04	SDPUB182	2001	8*,10,12,41/02; 17/03	
Region 4	2002	1*,23,43/03				SDPUB183	2001	27/01*;13,15,16/02; 18/03	
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04				SDPUB193	2000	27*,38,49,00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	SDPUB200	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12/04	
Region 7	2002	1*,11,15,28/03							
Region 8	2002	1*,14,37,41,46, 52/03							
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	SDPUB141	2001	21*,38/01	USCG LIGHT LIST VOLUMES I - VII			
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20/04	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;3,4,6,7,8,9,10, 12,14,15,16,17,18, 19,20,21/04	
LLPUB110	2004	10*,14,15,19,21/04	SDPUB147	2001	35/01*;21,22,23, 24/02;39,40,41,46, 50/03;10,12,15, 19/04	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13,14,15,17,18,19, 21/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19, 20/04	COMDTM165023	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20, 21/04	SDPUB155	2001	31*,48/01;10,45, 46/02				
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	SDPUB159	2002	42*,48/02;10,13, 15/04				
LLPUB114	2004	18*,21/04	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03;1,2,5,6, 11/04	COMDTM165024	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 46,47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04				
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	SDPUB162	2001	51/01*;5,12/03; 12/04				
SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16/04	COMDTM165025	2002	16/02*	
SDPUB164	2002	4/03*	SDPUB164	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1,	
SDPUB165	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	SDPUB165	2002	33*,34,35,36,37,38, 39,40,41,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21/04	COMDTM165027	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21/04	
SDPUB166	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21/04	SDPUB166	2002	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03				
SDPUB167	2003	17/03*	SDPUB167	2002	50*,51/02;3,22,24, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21/04				
SDPUB168	2003	24/03*	SDPUB168	2002	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03				
SDPUB169	2003	16/04*	SDPUB169	2002	37,38,39,40,41,43,44, 45,46,47,48,49,50,51/03, 13,16,17/04				
SDPUB170	2003	52/03*	SDPUB170	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03; 6/04				
SDPUB171	2003	32*,36,38,39,40,41, 42,43/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03				
SDPUB172	2003	6*,8,15,17,30,33,35, 37,38,39,40/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21/04				
SAILING DIRECTIONS									
CDPUBSD125	2003	19*,43,49,51,52/03							
CDPUBSD127	2003	39/03*							
CDPUBSD131	2002	9/03*							
CDPUBSD132	2003	6/04*							
CDPUBSD143	2003	46/03*							
CDPUBSD145	2003	51/03*							
CDPUBSD146	2002	4/03*							
CDPUBSD157	2003	17/03*							
CDPUBSD158	2003	24/03*							
CDPUBSD164	2003	16/04*							
CDPUBSD191	2003	52/03*							
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03							
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03							
FLEET GUIDES									
CDPUBFGPAC	2004	N17/04*							
FGPUB940ATL	2001	N47/01*							
NOS MISCELLANEOUS PUBLICATIONS									
NOSPBCATALOG2	2000	34/00*							
NOSPBCATALOG3	2000	28/00*							

SECTION II

PUBLICATIONS AFFECTION BY NOTICE TO MARINERS
THROUGH NM 21/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
NOSPBCATALOG4	2000	34/00*				
NOSPBCATALOGA	2003	19/04*				
NOSPBCATALOGG	2003	19/04*				
ALMANACS			NOS TIDE TABLES			
AIRALMANAC401	2004	29/03*	NOSPBTTCWPACIN4	2004	N1/04*	
NAUTALMANAC04	2004	29/03*	NOSPBTTECSTNSA4	2004	N1/04*	
COAST PILOT			NOSPBTTEURAFR4	2004	N1/04*	
NOSPBCP1	34	18*,21/04	NOSPBTTCSTNSA4	2004	N1/04*	
NOSPBCP2	33	5*,6,9,20/04				
NOSPBCP3	37	14*,18,21/04				
NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21/04				
NOSPBCP5	31	51*,52/03;1,7,8,9, 10,12,13,15,17, 18/04				
NOSPBCP6	34	13*,18,19/04				
NOSPBCP7	36	18*,19,20,21/04				
NOSPBCP8	25	32*,33,34,39,42,48, 51/03;1,7,8,10,17, 18,20,21/04				
NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8,18,19, 20/04				
RADIO NAVIGATIONAL AIDS						
RAPUB117	2002	50/02*;13/03				
AMERICAN PRACTICAL NAVIGATOR						
NVPUB9	2002	36/02*;14,38/03				
INTERNATIONAL CODE OF SIGNALS						
CDPUBNV102	2003	20/03*				
WORLD PORT INDEX						
NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03				
DISTANCES BETWEEN PORTS						
NVPUB151	2001	4/02*				
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL						
CDPUBNV1310	2001	51/01*				
SIGHT REDUCTION TABLES (MARINE)						
SRPUB229V1	1970	11/71*				
SRPUB229V2	1970	11/71*				
SRPUB229V3	1970	7/71*				
SRPUB229V4	1970	3/71*				
SRPUB229V5	1970	3/71*				
SRPUB229V6	1970	23/70*				
SIGHT REDUCTION TABLES (AIR)						
SRPUB249V1	2000	4/01*				
SRPUB249V2	1952	46/52*				
SRPUB249V3	1952	46/52*				
CHART NO. 1						
WOBZC1	1997	18/98*				
CHART NO. 4						
WOBZC4	1988	N23/91*				
ATLAS OF PILOT CHARTS						
NVPUB106	2002	42/03*				
NVPUB107	1998	30/99*				
NVPUB109	2001	49/02*				
USCG NAVIGATION RULES						
COMDTM166722D	1999	44/99*;52/00;16/04				

SECTION III

NM 21/04

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 061200Z May 2004:

2003 series 108(26,27)	387(GEN) 2004 series	57(GEN) 79(26)	111(GEN) 128(26)	143(11,26) 144(GEN)	149(11)
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The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA IV WARNINGS issued from 291200Z April to 061200Z May 2004.

143/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
03 THRU 09 MAY IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-34N 080-33W.
- B. 0400Z TO 0359Z COMMENCING DAILY
03 THRU 09 MAY IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
- C. 1100Z TO 0359Z COMMENCING DAILY
04 AND 05 MAY AND 0400Z TO 0500Z
DAILY 06 AND 07 MAY IN AREA BETWEEN
29-40N 29-50N AND 080-40W 080-30W.
- D. 041100Z TO 041900Z MAY IN AREA BOUND BY
30-35N 081-21W, 30-35N 081-00W,
30-00N 081-02W, 30-00N 081-15W.

2. CANCEL THIS MSG 100459Z MAY.

(301400Z APR 2004)

144/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 011000Z MAY 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 111(GEN), 128(26), 134(11,26), 139(26),
140(26), 141(GEN), 143(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.

3. CANCEL NAVAREA IV 130/04, 142/04.

(011010Z MAY 2004)

145/04 thru 148/04. CANCELED.

149/04(11). GULF OF MEXICO, TEXAS.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 02 JUN
BY M/V EPIC SEAHORSE VICINITY OF TRACKLINE BETWEEN
28-52-18N 095-11-41W AND 28-50-35N 095-14-53W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 03 JUN.

(060840Z MAY 2004)

SECTION III

HYDROLANTS

Messages in force 061200Z May 2004:

2001 series	1944(53)	2419(54)	577(GEN)	706(53)	758(53)
611(44)	1999(23)	2420(54)	593(56)	709(56)	759(24)
2700(37)	2175(24)	2004 series	607(51)	724(53)	760(24)
2002 series	2203(53)	164(53)	614(54)	729(55)	761(24)
245(GEN)	2297(24)	169(51,52)	628(53,56)	730(53)	762(36)
246(GEN)	2374(35)	224(24)	631(37)	731(53)	765(53)
2003 series	2384(23,24)	272(24)	641(53)	732(53)	766(35)
41(37)	2406(54)	309(GEN)	643(57)	733(53)	768(24)
67(37)	2407(54)	378(35)	649(55)	735(GEN)	769(52,53)
544(55)	2408(54)	409(26)	650(55)	736(53)	770(35)
604(26,27)	2409(54)	449(53)	668(56)	737(GEN)	771(53)
738(35)	2410(54)	473(57)	673(51)	739(24)	772(55)
1117(37)	2413(54)	478(51)	687(51)	745(24)	
1242(24)	2414(54)	505(52,53)	696(36,37)	752(37)	
1422(53)	2416(54)	519(51)	697(55)	754(57)	
1472(35)	2418(52)	527(37)	700(53)	756(GEN)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.
 Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROLANT WARNINGS issued from 291200Z April to 061200Z May 2004.

723/04. CANCELED.

724/04(53). IONIAN SEA.

MAN OVERBOARD FROM M/V KALLISTO VICINITY OF TRACKLINE
 BETWEEN 36-35N 016-09E AND 36-35N 016-37.1E.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRSC CATANIA,
 PHONE: 390 9574 74321, FAX: 390 9553 3962.

(291800Z APR 2004)

725/04 thru 728/04. CANCELED.

729/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0730Z TO 1230Z DAILY
 05 AND 06 MAY IN AREA BOUND BY
 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
 44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
 45-00.2N 032-14.2E, 44-52.2N 032-41.8E.
2. CANCEL HYDROLANT 480/04(22).
3. CANCEL THIS MSG 061330Z MAY.

(301110Z APR 2004)

730/04(53). TYRRHENIAN SEA.

MAN OVERBOARD FROM M/V MOBY FREEDOM VICINITY OF TRACKLINE
 BETWEEN LIVORNO (43-32N 010-19E) AND OLBIA (40-55N 009-30E).
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRSC LIVORNO,
 PHONE: 3905 8682 6011, FAX: 3905 8682 66090
 OR UCG OLBIA, PHONE: 390 7892 1243, FAX: 390 7892 7737.

(301220Z APR 2004)

731/04(53). SARDEGNA-SOUTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1800Z DAILY 03, 10 THRU 15
 AND 17 THRU 19 MAY IN AREA BOUND BY
 38-55-10N 008-42-30E, 38-50-00N 008-48-00E,
 38-46-15N 008-48-00E, 38-43-30N 008-41-15E,
 38-49-00N 008-26-00E, 38-56-10N 008-26-40E,
 38-57-00N 008-37-06E.
2. CANCEL THIS MSG 191900Z MAY.

(301450Z APR 2004)

732/04(53). SARDEGNA-SOUTHWEST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:
 - A. 0600Z TO 1800Z DAILY 03 THRU 07,
 10 THRU 14, 17 THRU 21, 24 THRU 28
 AND 31 MAY IN AREA BOUND BY
 40-00N 010-00E, 40-00N 010-30E,
 39-10N 010-30E, 39-10N 010-00E,
 39-26N 009-38E, 39-38N 009-38E.
 - B. 0700Z TO 1530Z DAILY 03 THRU 07,

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10 THRU 14, 17 THRU 21, 24 THRU 28
 AND 31 MAY IN AREA BOUND BY
 40-15N 010-00E, 40-15N 011-31E,
 40-11N 011-33E, 39-32N 011-38E,
 38-52N 011-28E, 39-10N 010-00E
 39-28N 009-38E, 39-43N 009-40E.

C. 0700Z TO 1530Z DAILY 03 THRU 07,
 10 THRU 14, 17 THRU 21, 24 THRU 28
 AND 31 MAY IN AREA BOUND BY
 40-37N 009-50E, 40-40N 010-35E,
 40-40N 010-50E, 39-20N 010-50E,
 39-20N 009-47E, 39-24N 009-40E.

D. 0700Z TO 1530Z DAILY 03 THRU 07,
 10 THRU 14, 17 THRU 21, 24 THRU 28
 AND 31 MAY IN AREA BOUND BY
 40-37N 009-54E, 40-42N 011-17E,
 40-11N 011-33E, 39-46N 011-36E,
 39-02N 010-17E, 39-04N 010-08E,
 39-26N 009-38E.

2. CANCEL THIS MSG 311900Z MAY.

(301540Z APR 2004)

733/04(53). IONIAN SEA.
 ONE PERSON MISSING IN AREA BOUND BY
 36-40N 015-30E, 36-43N 016-12E,
 36-29N 016-12E, 36-27N 015-30E.

VESSELS IN VICINITY REQUESTED TO
 KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO ANY COASTAL RADIO STATION.

(301810Z APR 2004)

734/04. CANCELED.

735/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 011000Z MAY 2004. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2004 SERIES: 467(23), 473(57), 478(51), 505(52,53), 519(51),
 527(37), 577(51), 593(56), 607(51), 614(54), 628(53,56),
 631(37), 641(53), 643(57), 649(55), 650(55), 666(52), 668(56),
 673(51), 687(51), 696(36,37), 697(55), 699(53), 700(53),
 702(37), 706(53), 707(51), 709(56), 710(36), 714(24), 715(24),
 716(24), 719(23), 720(24), 721(53), 722(52), 723(53), 724(53),
 727(53), 728(56), 729(55), 730(53), 731(53), 732(53), 733(53).

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF
 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
 3. CANCEL HYDROLANT 1731/03, 672/04, 708/04, 725/04, 734/04.

(011150Z MAY 2004)

736/04(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 03 THRU 07,
 10 THRU 14, 17 THRU 21 AND 24 THRU 28 MAY WITHIN
 1.5 MILES OF 36-39-19N 015-00-53E.
 2. CANCEL THIS MSG 29 MAY.

(011220Z MAY 2004)

737/04(53). EUROPE-NORTHWEST COAST.

1. LORAN-C STATION SOUSTONS, RATE 6731-X, OFF AIR
 1400Z TO 2000Z DAILY 03 THRU 06 MAY.
 2. CANCEL THIS MSG 062100Z MAY.

(011225Z MAY 2004)

738/04. CANCELED.

739/04(24). BRAZIL-NORTH COAST.
 CHART 24320 (4TH ED).
 AM-1 LIGHTSHIP 01-34N 049-01W MISSING.

(011245Z MAY 2004)

740/04 thru 744/04. CANCELED.

745/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 080259Z MAY
 BY M/V CGG HARMATTAN TOWING SIX 6000 METER
 LONG CABLES IN AREA BOUND BY
 19-52.1S 039-28.1W, 20-04.4S 039-28.1W,
 20-04.3S 039-50.3W, 19-52.0S 039-50.3W.
 FOUR MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 080359Z MAY.

(021744Z MAY 2004)

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NM 21/04

746/04 thru 751/04. CANCELED.

752/04(37). BAY OF BISCAY.

1. CABLE OPERATIONS 04 THRU 11 MAY BY
CABLESHIP ILE DE BREHAT IN
47-45N 007-18W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 746/04.
3. CANCEL THIS MSG 12 MAY.

(031020Z MAY 2004)

753/04. CANCELED.

754/04(57). ANGOLA. LUANDA.

CHART 57262 (4TH ED).
DANGEROUS WRECK, LEAST DEPTH 9 METERS, IN
08-47.01S 013-15.27E.

(032113Z MAY 2004)

755/04. CANCELED.

756/04(GEN). NORTH ATLANTIC.

29 FOOT S/V DANAЕ, TWO PERSONS ON BOARD, UNREPORTED
FLORIDA TO AZORES. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO RCC NORFOLK, PHONE: 757 398 6390, FAX: 757 398 6392.

(040710Z MAY 2004)

757/04. CANCELED.

758/04(53). SICILIA-SOUTH COAST.

1. OCEANOGRAPHIC OPERATIONS 070001Z TO 242000Z MAY
BY M/V ALLIANCE IN AREA BOUND BY
37-00N 014-00E, 36-45N 014-30E,
36-37N 015-00E, 36-40N 015-15E,
36-55N 015-20E, 35-55N 015-20E,
35-55N 015-00E, 36-18N 014-30E,
36-20N 014-00E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 699/04, OPERATIONS COMPLETED.
3. CANCEL HYDROLANT 722/04(52).
4. CANCEL THIS MSG 242100Z MAY.

(041040Z MAY 2004)

759/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 MAY BY
M/V TROPICALIENTE TOWING TWO 20 METER
LONG CABLES AND M/V BULLDOG TOWING
TWO 15 METER LONG CABLES:
A. 04 MAY IN AREA BOUND BY
13-41.4S 038-54.3W, 13-43.7S 038-49.3W,
13-44.1S 038-49.5W, 13-41.8S 038-54.5W.
B. 05 THRU 06 MAY IN AREA BOUND BY
13-42.8S 038-55.0W, 13-45.2S 038-50.1W,
13-45.6S 038-50.3W, 13-43.2S 038-55.2W.
C. 07 MAY IN AREA BOUND BY
13-42.4S 038-54.8W, 13-44.7S 038-49.8W,
13-45.1S 038-50.0W, 13-42.7S 038-55.0W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 08 MAY.

(041230Z MAY 2004)

760/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 080259Z MAY
BY M/V FALCON EXPLORER TOWING SIX 80 METER
LONG CABLES IN AREA BOUND BY
22-15S 040-15W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-08W.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 080359Z MAY.

(041254Z MAY 2004)

761/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 130259Z MAY
BY M/V OCEAN EXPLORER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
22-15S 040-14W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-07W.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 755/04(53).
3. CANCEL THIS MSG 130359Z MAY.

(050720Z MAY 2004)

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762/04(36). ENGLAND-SOUTH COAST.

CHART 36005 (2ND ED).

1. DGPS STATION AT ST CATHERINES POINT LIGHT 50-35N 001-18W
UNRELIABLE 051100Z TO 051600Z AND 060800Z TO 061600Z MAY.
2. CANCEL THIS MSG 061700Z MAY.

(050940Z MAY 2004)

763/04 and 764/04. CANCELED.

765/04(53). WESTERN MEDITERRANEAN SEA.

1. NINE METER S/V BLUE PETER, BLUE HULL, ONE PERSON
ON BOARD, DISABLED AND ADRIFT IN 40-12N 007-16E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRSC CAGLIARI, PHONE: 3907 0605 17305.
2. CANCEL HYDROLANT 467/04(23).
3. CANCEL HYDROLANT 702/04(37), OPERATIONS SUSPENDED.

(051646Z MAY 2004)

766/04(35). SCOTLAND-WEST COAST. MISSILES.

1. HAZARDOUS OPERATIONS 061615Z TO 062015Z MAY
WITHIN 45 MILES OF 57-14N 009-07W.
2. CANCEL THIS MSG 062115Z MAY.

(051811Z MAY 2004)

767/04. CANCELED.

768/04(24). BRAZIL-SOUTH COAST.

1. PYROTECHNIC EXERCISES IN PROGRESS UNTIL 070900Z MAY IN
AREA BETWEEN 23-47.SS 24-00.0S AND 042-29.0W 042-45.0W.
2. CANCEL THIS MSG 071000Z MAY.

(060610Z MAY 2004)

769/04(52,53). SICILIA-NORTHWEST COAST.

CHART 52180 (14TH ED).

1. SCOGLIO PALUMBO LIGHT 38-00.9N 012-29.2E UNLIT.
2. CANCEL HYDROLANT 666/04, AID RESTORED.

(060810Z MAY 2004)

770/04(35). IRELAND-SOUTHWEST COAST.

CHART 35380 (8TH ED).

1. DGPS STATION AT LOOP HEAD LIGHT 52-34N 009-56W
OFF AIR 061000Z TO 061500Z MAY.
2. CANCEL THIS MSG 061600Z MAY.

(060950Z MAY 2004)

771/04(53). STRAIT OF SICILY. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1400Z DAILY
10 AND 14 MAY IN AREA BOUND BY
35-56.0N 014-29.0E, 036-01.8N 014-41.2E,
36-06.4N 014-23.3E.
2. CANCEL HYDROLANT 710/04(36), STATION RESTORED.
3. CANCEL THIS MSG 141500Z MAY.

(061040Z MAY 2004)

772/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0900Z TO 2000Z DAILY
10 THRU 23 MAY IN AREA BOUND BY
44-23.0N 028-42.5E, 44-27.0N 029-01.0E,
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL THIS MSG 232100Z MAY.

(061050Z MAY 2004)

SECTION III**NAVAREA XII**

Messages in force 061200Z May 2004:

2003 series 262(GEN)	2004 series 70(GEN)	124(19,81) 125(GEN)	147(19) 152(GEN)	158(18)
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The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA XII WARNINGS issued from 291200Z April to 061200Z May 2004.

151/04. CANCELED.

152/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 011000Z MAY 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 124(19,81), 125(GEN), 147(19), 149(22,83),
150(18), 151(19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA XII 148/04.

(011020Z MAY 2004)

153/04 thru 157/04. CANCELED.

158/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES
FROM AND PARALLEL	
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 150/04.

(061010Z MAY 2004)

SECTION III

HYDROPACS

Messages in force 061200Z May 2004:

2001 series	1395(62)	530(61)	680(62)	732(GEN)	779(97)
1976(62)	1699(63)	572(83)	682(76)	736(62)	780(63)
2002 series	1700(62)	573(74)	691(81,97)	738(76)	783(63)
205(GEN)	1911(62)	583(61,63)	693(63)	740(74)	784(GEN)
206(GEN)	1982(GEN)	587(63,71)	694(62)	746(94,95)	792(74)
403(72,73)	2004(73,74)	593(61)	697(63)	747(94,95)	795(62)
2330(62)	2265(62)	600(62)	700(63)	748(94,95)	796(63)
2003 series	2275(22)	610(19,81)	701(94,97)	749(71)	800(61)
167(95)	2004 series	614(63)	707(62)	750(94,95)	801(61)
207(62)	23(62)	617(63)	710(63)	753(62)	802(61)
495(62)	278(63)	620(63)	711(81)	754(62)	803(93)
496(62)	329(71)	622(GEN)	712(93)	757(63)	804(97)
506(62)	331(GEN)	624(82)	714(63)	758(19)	807(63)
638(62)	352(63)	659(63)	716(63)	761(63)	808(63)
760(63)	402(62)	660(22)	723(63)	762(63)	809(63)
761(63)	403(62)	661(93)	724(63)	763(62)	811(63)
993(62)	426(74)	671(71,93)	726(22)	765(95)	813(74)
998(71)	455(73)	673(63)	727(22)	768(91,93)	814(93)
1041(71)	460(94)	675(95)	728(22)	769(61)	815(74)
1198(92)	464(63)	677(63)	729(22)	776(29)	
1330(62)	527(71,93)	679(76)	730(22)	778(75)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROPAC WARNINGS issued from 291200Z April to 061200Z May 2004.

771/04 thru 775/04. CANCELED.

776/04(29). SOUTH SHETLAND ISLANDS. DECEPTION ISLAND.
CHART 29101 (6TH ED).
1. GRUMETE LIGHT 62-59S 060-40W UNLIT.
2. CANCEL HYDROPAC 534/04.

(301050Z APR 2004)

777/04. CANCELED.

778/04(75). BASS STRAIT. FRANKLIN SOUND.
CHART 75213 (2ND ED).
SEVEN METER SHOAL IN 40-17.2S 147-59.0E.

(301645Z APR 2004)

779/04(97). NORTH PACIFIC.
CHART 97000 (3RD ED).
DISCOLORED WATER VICINITY 24-17.6N 141-28.9E.

(301710Z APR 2004)

780/04(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 05 AND 06 MAY WITHIN
75 MILES OF 08-31.9N 076-52.2E.
2. CANCEL THIS MSG 061800Z MAY.

(301745Z APR 2004)

781/04 and 782/04. CANCELED.

783/04(63). INDIA-WEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 10 MAY
BY M/V C-ORION IN AREA BOUND BY
18-48N 069-42E, 20-12N 069-08E,
20-20N 070-07E, 19-06N 070-27E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 777/04(81), SIGNAL CEASED.
3. CANCEL THIS MSG 11 MAY.

(010620Z MAY 2004)

784/04(GEN).
1. HYDROPAC MESSAGES IN FORCE 011000Z MAY 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 527(71,93), 530(61), 537(76), 572(83), 573(74),

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583(61,63), 587(63,71), 593(61), 600(62), 610(19,81), 614(63),
 617(63), 620(63), 622(GEN), 624(82), 650(74), 655(71,93),
 659(63), 661(93), 671(71,93), 673(63), 675(95), 677(63),
 679(76), 680(62), 682(76), 691(81,97), 693(63), 694(62),
 697(63), 700(63), 701(94,97), 707(62), 710(63), 711(81),
 712(93), 714(63), 716(63), 723(63), 724(63), 726(22), 727(22),
 728(22), 729(22), 730(22), 732(GEN), 733(63), 736(62),
 738(76), 740(74), 746(94,95), 747(94,95), 748(94,95), 749(71),
 750(94,95), 753(62), 754(62), 757(63), 758(19), 760(62),
 761(63), 762(63), 763(62), 765(95), 768(91,93), 769(61),
 770(22,83), 774(19), 775(81), 776(29), 778(75), 779(97),
 780(63), 781(63), 782(GEN), 783(63).

2. THE SUMMARY OF ALL HYDROPOAC MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROPOAC 552/04, 604/04, 660/04, 744/04, 773/04.

(011210Z MAY 2004)

785/04 thru 791/04. CANCELED.

792/04(74). AUSTRALIA-NORTHWEST COAST.
 UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
 NOTICE BY M/V MARKAB IN 21-28S 114-00E.
 2.5 MILE BERTH REQUESTED.

(022257Z MAY 2004)

793/04 and 794/04. CANCELED.

795/04(62). PERSIAN GULF.

1. ON 24 APR, TERRORISTS CONDUCTED SUICIDE ATTACKS IN SMALL BOATS AGAINST ABOT AND A COALITION WARSHIP IN THE VICINITY OF KAAOT. THE TERRORISTS USED ORDINARY DHOWS, FISHING BOATS AND SPEEDBOATS TO CONDUCT THE ATTACK IN CONTRAVENTION OF THE LAW OF ARMED CONFLICT. THEIR UNLAWFUL ACTIONS ARE INTENTIONALLY DESIGNED TO PUT INNOCENT PERSONS AT RISK.
2. ALL MARINERS ARE ADVISED TO REMAIN CLEAR OF COALITION MARITIME SECURITY FORCES AND TO IDENTIFY THEMSELVES AND MAKE THEIR INTENTIONS KNOWN WHEN OPERATING IN THE VICINITY OF COALITION WARSHIPS. IF QUERIED, MARINERS SHOULD CLEARLY IDENTIFY THEMSELVES AND STATE THEIR INTENTIONS AND IF GIVEN DIRECTIONS FROM COALITION WARSHIPS, THEY SHOULD PROMPTLY EXECUTE SUCH DIRECTIONS SO AS TO MAKE THEIR INTENTIONS KNOWN. MARINERS ARE REMINDED THAT COALITION WARSHIPS ARE PREPARED TO TAKE DEFENSIVE MEASURES, INCLUDING IF NECESSARY THE USE OF DEADLY FORCE, AGAINST ANY CONTACT WHOSE IDENTITY OR INTENTIONS ARE UNKNOWN AND WHICH POSES A THREAT.
3. EFFECTIVE IMMEDIATELY, WARNING ZONES ARE ESTABLISHED AROUND THE KHAWR AL'AMAYA OIL TERMINAL (29-46.8N 048-48.5E) AND THE AL BASRA OIL TERMINAL, FORMERLY KNOWN AS THE MINA AL BAKR OIL TERMINAL (29-40.8N 048-48.5E) AS FOLLOWS:
4. KHAWR AL'AMAYA OIL TERMINAL (29-46.8N 048-48.5E). THE WARNING ZONE EXTENDS 3000 METERS FROM THE OUTER EDGE OF THE TERMINAL STRUCTURE, IN ALL DIRECTIONS, CREATING A RACETRACK SHAPE 6990 METERS LONG BY 6107 METERS WIDE, ORIENTED NORTHWEST TO SOUTHEAST, CENTERED ON THE TERMINAL. THIS WARNING ZONE IS DISTINCT FROM AND IN ADDITION TO, THE EXCLUSION ZONE ESTABLISHED LATER IN THIS ADVISORY.
5. AL BASRA OIL TERMINAL, FORMERLY KNOWN AS THE MINA AL BAKR OIL TERMINAL (29-40.8N 048-48.5E). THE WARNING ZONE EXTENDS 3000 METERS FROM THE OUTER EDGE OF THE TERMINAL STRUCTURE, IN ALL DIRECTIONS, CREATING A RACETRACK SHAPE 7030 METERS LONG BY 6107 METERS WIDE, ORIENTED NORTHWEST TO SOUTHEAST, CENTERED ON THE TERMINAL. THIS WARNING ZONE IS DISTINCT FROM, AND IN ADDITION TO, THE EXCLUSION ZONE ESTABLISHED LATER IN THIS ADVISORY.
6. VLCC TRAFFIC TO THE TERMINALS HAS INCREASED DRAMATICALLY IN THE PAST SIX MONTHS AND IS EXPECTED TO REMAIN AT HIGH LEVELS INDEFINITELY. IN ADDITION TO BERTHING AND DEPARTING VLCCS AND ASSISTING TUGS, COALITION WARSHIPS CONDUCTING MARITIME SECURITY PATROLS MANEUVER UNPREDICTABLY WITHIN THE ZONE.
7. VESSELS ARE ADVISED TO REMAIN CLEAR OF THE WARNING ZONES FOR ALL BUT ESSENTIAL TRANSITS. IF TRANSIT REQUIRES ENTRY INTO THE ZONE, VESSELS ARE ADVISED TO CONTACT COALITION MARITIME SECURITY FORCES VIA MARINE VHF CHANNEL 16, IDENTIFY THEMSELVES AND MAKE TRANSIT INTENTIONS KNOWN. IF COALITION MARITIME SECURITY FORCES ADVISE A VESSEL TO DEPART THE WARNING

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- AREA, THE VESSEL SHOULD IMMEDIATELY DEPART. SUCH DIRECTION WILL BE GIVEN ONLY WHEN NECESSARY TO KEEP THE VESSEL FROM STANDING INTO DANGER.
8. ADDITIONALLY, EFFECTIVE IMMEDIATELY, EXCLUSION ZONES ARE ESTABLISHED AND THE RIGHT OF INNOCENT PASSAGE IS TEMPORARILY SUSPENDED IN ACCORDANCE WITH INTERNATIONAL LAW AROUND THE KAAOT AND ABOT OIL TERMINALS WITHIN IRAQI TERRITORIAL WATERS. THE EXCLUSION ZONES EXTEND 2000 METERS FROM THE OUTER EDGES OF THE TERMINAL STRUCTURES IN ALL DIRECTIONS.
9. ONLY TANKERS AND SUPPORT VESSELS AUTHORIZED BY TERMINAL OPERATORS OR COALITION MARITIME SECURITY FORCES ARE ALLOWED TO ENTER THE EXCLUSION ZONES. VESSELS ATTEMPTING TO ENTER THE ZONES WITHOUT AUTHORIZATION MAY BE SUBJECT TO DEFENSIVE MEASURES, INCLUDING WHEN NECESSARY, THE USE OF DEADLY FORCE. ALL REASONABLE EFFORTS WILL BE TAKEN TO WARN VESSELS AWAY BEFORE EMPLOYING DEADLY FORCE. HOWEVER, DEADLY FORCE WILL BE EMPLOYED WHEN NECESSARY TO PROTECT COALITION MARITIME SECURITY FORCES, LEGITIMATE SHIPPING PRESENT IN THE EXCLUSION ZONES AND THE OIL TERMINALS.
10. QUESTIONS REGARDING THIS ADVISORY MAY BE DIRECTED TO COMMANDER, U.S. NAVAL FORCES CENTRAL COMMAND, IZMS COORDINATOR (N31CGA), FPO AE 09501 6008, PHONE: 973 1785 4627 OR 973 1785 4839, FAX: 973 1785 9117 OR 973 1785 4344 OR THE U.S. MARITIME LIAISON OFFICE (MARLO) BAHRAIN, PHONE: 973 1785 3925, FAX: 973 1785 3930.
11. CANCEL HYDROPAC 790/04.

(030850Z MAY 2004)

796/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
07 AND 11 MAY IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 111630Z MAY.

(031040Z MAY 2004)

797/04 thru 799/04. CANCELED.

800/04(61). MOZAMBIQUE CHANNEL.

- CHART 61020 (2ND ED).
1. EUROPA ISLAND LIGHT 22-19.1S 040-20.4E UNLIT.
2. CANCEL HYDROPAC 453/04.

(040850Z MAY 2004)

801/04(61). MOZAMBIQUE CHANNEL. MAYOTTE.

- CHART 61312 (3RD ED).
1. CAP DOUAMOUGNO LIGHT 12-39.0S 045-06.1E UNLIT.
2. CANCEL HYDROPAC 307/04.

(040910Z MAY 2004)

802/04(61). MOZAMBIQUE CHANNEL. MAYOTTE.

- CHART 61312 (3RD ED).
1. ILE M'SONGOMA REAR RANGE LIGHT 12-41.9S 045-07.6E UNLIT.
2. CANCEL HYDROPAC 308/04.

(040915Z MAY 2004)

803/04(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAY
BY M/V GECO EMERALD TOWING 3.8 MILE
LONG CABLE IN AREA BOUND BY
09-50N 108-12E, 09-53N 108-19E,
09-41N 108-30E, 09-36N 108-23E.
2. CANCEL HYDROPAC 655/04(71,93).
3. CANCEL HYDROPAC 791/04(97), 798/04 REFERS.
4. CANCEL THIS MSG 21 MAY.

(041310Z MAY 2004)

804/04(97). NORTH PACIFIC.

1. DERELICT SEVEN METER VESSEL ADRIFT IN
39-13.3N 162-24.2E AT 041309Z MAY.
2. CANCEL HYDROPAC 798/04, PERSON RESCUED.
3. CANCEL THIS MSG 11 MAY.

(041655Z MAY 2004)

805/04 and 806/04. CANCELED.

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807/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 JUN
BY M/V RAMFORM CHALLENGER TOWING EIGHT
4500 METER LONG CABLES IN AREA BOUND BY
19-26N 071-54E, 19-46N 071-54E,
19-46N 071-20E, 19-26N 071-25E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 JUN.

(051400Z MAY 2004)

808/04(63). INDIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES 0030Z TO 1230Z DAILY
08 AND 09 MAY IN AREA BOUND BY
19-14.6N 084-53.6E, 19-11.6N 084-51.4E,
19-04.6N 085-00.9E, 19-05.2N 084-50.7E,
19-12.4N 084-48.3E.
2. CANCEL THIS MSG 091330Z MAY.

(051408Z MAY 2004)

809/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 06 THRU 31 MAY BY
M/V RAMFORM VANGUARD TOWING
TEN 4050 METER LONG CABLES
IN AREA BOUND BY
09-57.4N 075-26.2E, 10-03.4N 075-47.9E,
09-30.7N 075-57.0E, 09-24.8N 075-35.3E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 733/04.
3. CANCEL THIS MSG 01 JUN.

(051418Z MAY 2004)

810/04. CANCELED.

811/04(63). INDIA-SOUTHWEST COAST.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 11-17N 074-07E
AT 051244Z MAY. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC MUMBAI, PHONE: 9122 2430 1455,
FAX: 9122 2433 3727.

(051950Z MAY 2004)

812/04. CANCELED.

813/04(74). AUSTRALIA-NORTHWEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V VERITAS VIKING II TOWING EIGHT 3.3 MILE
LONG CABLES IN AREA BETWEEN
19-20S 19-55S AND 113-40E 114-30E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 810/04(81), SIGNAL CEASED.
3. CANCEL HYDROFAC 650/04.

(060108Z MAY 2004)

814/04(93). SOUTH CHINA SEA.

29 FOOT S/V NINJA, ONE PERSON ON BOARD, WHITE
HULL WITH BLUE STRIPE, OVERDUE HONG KONG
TO PHILIPPINES. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC HONG KONG.

(060155Z MAY 2004)

815/04(74). AUSTRALIA-EAST COAST.

1. DERELICT TEN METER S/V ODYSEA, WHITE HULL,ADRIFT
VICINITY 24-44S 153-11E AT 042200Z MAY.
REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.
2. CANCEL HYDROFAC 805/04(83), VESSEL ASSISTED.
3. CANCEL THIS MSG 13 MAY.

(060620Z MAY 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those

SECTION III

NM 21/04

in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 6 May 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 6 May 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below:

11438	12 th Ed. Apr 2004 NEW EDITION FL-DRY TORTUGAS (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:30,000
12354	41 st Ed. Apr 2004 NEW EDITION CT-NY-LONG ISLAND SOUND-EASTERN PART (New edition due to hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C

MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE MEETINGS

The Merchant Marine Personnel Advisory Committee (MERPAC) and its working groups will meet to discuss various issues relating to the training and fitness of merchant marine personnel. MERPAC advises the Secretary of Homeland Security on matters relating to the training, qualifications, licensing, and certification of seamen serving in the U.S. merchant marine. All meetings will be open to the public.

MERPAC will meet on Wednesday, June 2, 2004, from 8 a.m. to 4 p.m. and on Thursday, June 3, 2004, from 8 a.m. to 4 p.m. These meetings may adjourn early if all business is finished. Requests to make oral presentations, submittals of written material or requests to have a copy of your material distributed to each member of the committee or subcommittee should reach the Coast Guard on or before May 19, 2004.

MERPAC will meet on both days in Room 2415 of the Coast Guard Headquarters Building, 2100 Second St., SW, Washington, DC 20593. Further directions regarding the location of Coast Guard Headquarters may be obtained by contacting Mr. Mark Gould at (202) 267-6890. Send written material and requests to make oral presentations to CDR Brian J. Peter, Commandant (G-MSO-1), US Coast Guard Headquarters, 2100 Second Street SW, Washington, DC 20593-0001.

This notice is available on the Internet at <http://dms.dot.gov/search/searchFormSimple.cfm> by entering docket number 17495.

For questions on this notice, on the meeting agenda, for information on facilities or services for individuals with disabilities, or to request special assistance at the meetings, contact CDR Brian J. Peter, Executive Director of MERPAC, or Mr. Mark C. Gould, Assistant to the Executive Director at the telephone number above, by fax at (202) 267-4570, or by e-mail mgould@comdt.uscg.mil.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

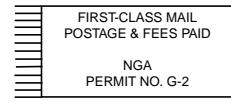
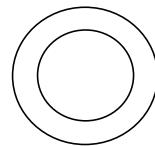
Details of Information Reported (continue on additional sheets as necessary) _____

Digitized by srujanika@gmail.com

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

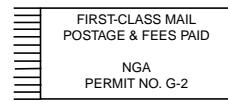
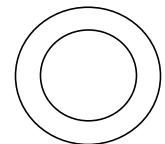
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

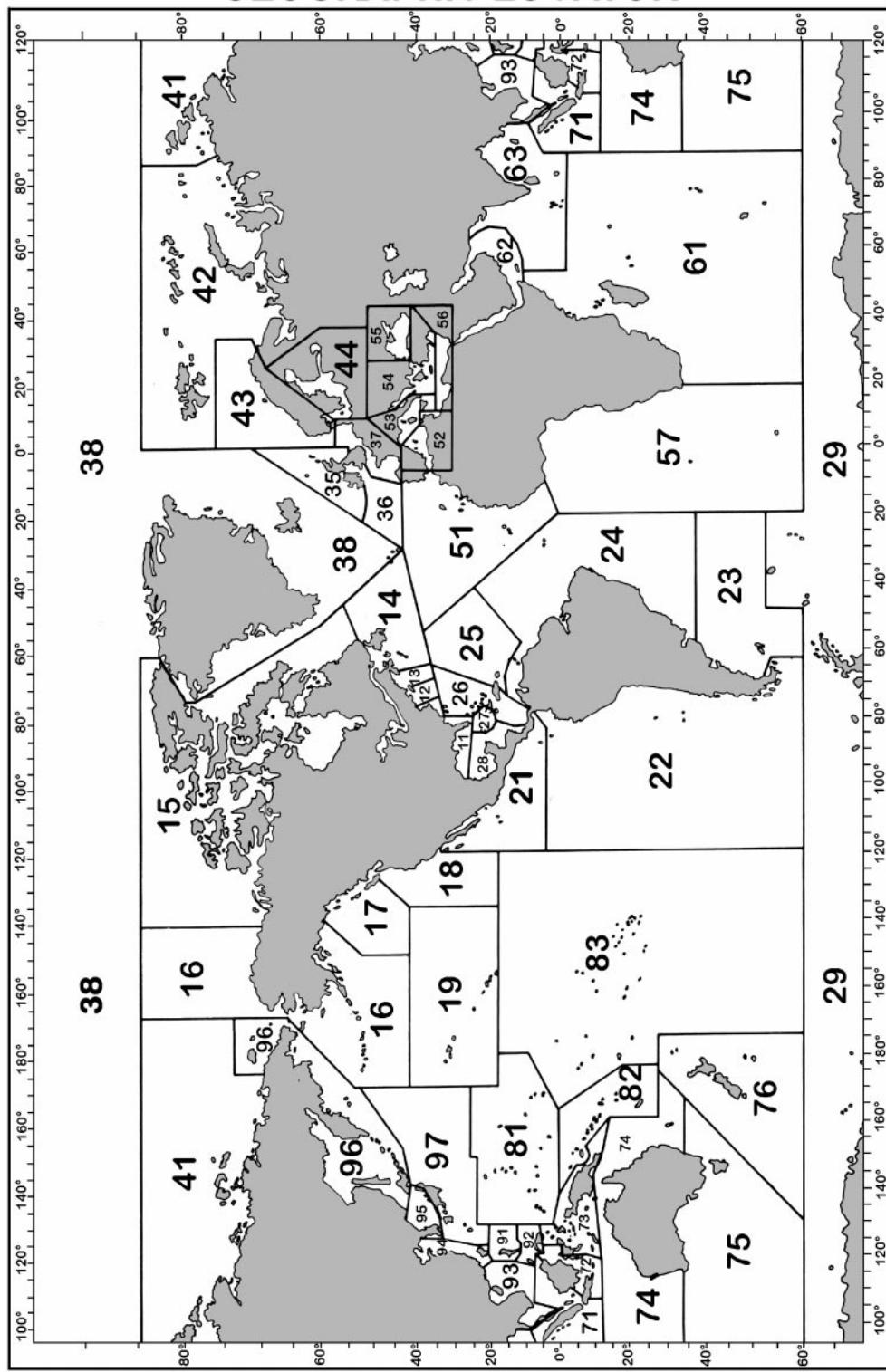
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
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BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

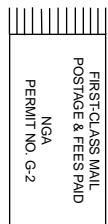
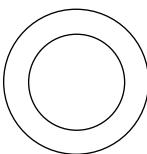
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY